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Glass-Steagall & Beyond: Our Credit System
South Africa's Space Program Moves Ahead
Say 'No' to the Europe of Banana Republics!

**London's Puppet Obama
Pushes World War III**



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EIR

From the Managing Editor

Some readers, surveying the table of contents of this issue, may ask themselves, “What does Qaddafi’s death have to do with the possibility of World War III? In fact, *how could there be such a possibility* in the present post-Cold-War political geometry?”

Starting with Lyndon LaRouche’s article, “Qaddafi’s Death,” the subject is approached in our *Strategy* section from several angles: history, economics, and the fundamental question of “what is man?”

Some Americans watched the lurid TV footage of the torturing and killing of Qaddafi, with the glee usually reserved for the Super Bowl. But those with half a brain were horrified by that sight, by what our own President has perpetrated there, and by the news reports on what the future portends for Libya, with its 300 militias, and no evidence of positive political cohesion among the “victors.” We are looking at the face of a Dark Age.

Put that together, as LaRouche does, with the crush of the crumbling global financial system, the incompetence of European and other leaders in dealing with it, and the millennia-old “divide-and-rule” imperial method. Today, the British (or Brutish) empire is the controller, and Barack Obama the puppet. The Mediterranean, LaRouche underlines, has become the new cockpit for war, as the Balkans were in the 20th Century. When a society’s conception of man is no longer that of a creative being “in the image of God,” but is fueled by hatred and revenge, wars are the inevitable outcome.

Helga Zepp-LaRouche reports on the European side of these developments. German Chancellor Merkel repeats *ad nauseum* that if the euro fails, the national divisions that led to two world wars in the last century could resurface, leading to war again. But in fact, the opposite is the case! It is the destruction of sovereign nation-states that are governed in the interest of the general welfare, and their replacement by imperial rule, that fosters war.

What is the alternative? LaRouche’s *Feature*, “Our Credit System,” develops the “credit principle,” a science of economy in which the active principle is not money, but the increase of energy-flux density and the creative powers of human labor.

On that positive note, don’t miss our feature sections on South Africa’s optimistic progress into space science, and on Rembrandt’s beautiful artistic portrayal of Jesus “from life.”



Cover This Week

Men flee as Qaddafi's tent burns behind them, Tripoli, Aug. 24, 2011.



Libyan rebels' photostream

4 Threat of World War III: Qaddafi's Death

By Lyndon H. LaRouche, Jr. In the opinion of certain relevant, higher placed circles in the trans-Atlantic region, the execution of the former Libyan principal Muammar al-Qaddafi and his companions, in their attempted flight from Libya, signals a potential for an early outbreak of more general warfare within Europe, the Mediterranean region, and beyond. The object is to prevent that general warfare from occurring.

12 London's Puppet Obama Triggering Global War

The larger significance of President Obama's extrajudicial assassination of Qaddafi, at the close of the illegal NATO regime change operation, has now become crystal clear: Under British puppet Obama, the United States is leading the world to a World War III that will cause greater devastation and loss of life than the two world wars of the previous century.

16 Lawyers Detail Case To Impeach Obama

President Obama's policies of waging war and assassinations outside of any legal or constitutional framework, have come under sharp attack recently, notably, from two experts on constitutional law and human rights.

World News

20 Merkel Wins Pyrrhic Victory: Say 'No' to the Europe of Banana Republics!

The so-called "breakthrough" by German Chancellor Angela Merkel at the Oct. 25 European Union summit, will throw the economy of the Eurozone into an unprecedented depression, writes Helga Zepp-LaRouche, and place the Eurozone members under an imperial dictatorship. The only way out is a Glass-Steagall-style banking reorganization.

23 It's Official: Greece Has Now Become a Euro-Protektorat

The EU has created its first "Protektorat" modeled on the infamous Nazi *Protektorat* of Bohemia and Moravia erected by Hitler's Germany in Czechoslovakia in 1938. In return for a EU130 billion "bailout"—loans which will go directly to the banks—Greece will lose its last remnants of sovereignty.

27 Accessory to Murder? An Impeachable Offense

Operation Fast and Furious, under which over 2,000 assault weapons ended up in the hands of the Sinaloa drug cartel, has resulted in the murder of at least two U.S. law enforcement officials and countless Mexicans. There is strong evidence that the Obama Administration is carrying out a coverup of its complicity.

Feature

31 **Glass-Steagall & Beyond: Our Credit System**

The human species has been distinguished by “an expression of physical science to be known as the principle of credit,” writes LaRouche. “That notion is the most crucial, and also most hopeful option, but, therefore, also, for some persons, the most rejected of those conceptions on which the continued existence of the human species now depends for guidance.”

Space Science

43 **South Africa: Looking to the Heavens To Develop the Continent**

South Africa hosted the prestigious annual Congress of the International Astronautical Federation, in Cape Town Oct. 3-7, reflecting the nation’s emergence as a significant player in space science and technology. Our correspondent reports from the Congress.

46 **Interview with Naledi Pandor: South Africa in Space—Ending ‘Afro-Pessimism’**

49 **Interview with Dr. Sandile Malinga: Space in South Africa—A Change in Paradigm**

53 **Interview with Dr. Peter Martinez: We See an African ‘Astronaissance’**

Art Review

55 **Rembrandt Portrays Jesus ‘from Life’**

A review of an exhibition of Rembrandt’s revolutionary portrayal of Jesus, based on Jewish models from his Amsterdam neighborhood, reflecting the ecumenical breakthrough of the Treaty of Westphalia.

Editorial

61 **To Get Glass-Steagall In, Get Obama Out!**

THREAT OF WORLD WAR III:

Qaddafi's Death

by Lyndon H. LaRouche, Jr.

October 28, 2011

In the opinion of certain relevant, higher placed circles in the trans-Atlantic region, the extraordinary mass-execution of the former Libyan principal Muammar al-Qaddafi and his companions, in their attempted flight from Libya, signals a potential for an early outbreak of more general warfare within Europe, the Mediterranean region, and beyond: potentially a new general state of warfare throughout much of this planet. This were probably the included outcome, unless a radical correction in trans-Atlantic financial and related policies were made more or less immediately.

The object is to prevent that general warfare from occurring.

Most notably, this immediate threat has now developed in the setting of the fact, that the present patterns of warfare within southwest Asia, have created a new type of cancerous development, a development which has now replaced the former role which the Balkans



U.S. Navy/Jesse B. Awalt

The killing of Muammar Qaddafi is a signal of the potential for an early outbreak of general warfare, even World War III, writes LaRouche.

once played in the patterns of “world wars” of the Twentieth Century, for the prospective new “world war” of the Twenty-first Century. Like the role of the Balkans in the period of two preceding “World Wars” since the British alliance with Japan in launching those two “World Wars” of the past century, the chronic, and spreading warfare within the chronic cockpit of Southwest Asia, has now reached the condition that, during many recent decades, that region of Asia has superseded the old role of “Balkan Wars” as the now present style of catalyst for a now threatened “Third World War.”

The manner in which British-directed interests, acting in concert with the British puppet known as U.S. President Barack Obama, have created and manipulated the recent warfare

within Libya, has now created a serious, more or less immediate threat-potential of a “Third World War.” This is a threat potential which is coincident with the immediately threatened, general breakdown-crisis of

the already hyper-bankrupt, trans-Atlantic monetarist system. That is to emphasize, that the manner in which the British-directed alliance in the Libya affair has concluded the Lybia crisis, has turned the Libya affair itself into the threatened role of a detonator of the potential world-warfare which has been accumulated in the Southwest Asian “cockpit.” British-centered imperialist interests, as typified by the role of former Prime Minister Tony Blair as a featured instrument, using U.S. President Barack Obama as their puppet, have now created a pregnant state of world affairs akin to that portrayed in a virtual new H.G. Wells fantasy under the theme of “world warfare”—a quivering potential of a “third world war.” The Anglo-Saudi orchestration of the September 11, 2001 attack on the United States, has been a crucial element in preparing the way for the threat which came to the surface of current strategic developments with the manner of the murder of the Qaddafi party.

It is the accumulated potential triggered by the Libya affair, which has now cocked the potential for a sudden eruption of a pattern of active general warfare.

Long nurtured potentials for the greatest of wars, explode into great wars which have been prepared, in fact, over long periods when the victims were sleeping.

The Threatened World War

There are chiefly two categories of the present world crisis which must be considered as leading strategic features of this present situation.

First, the world in general, but, most emphatically, the trans-Atlantic region, is presently gripped by a general, combined set of disastrous economic processes. These are processes whose nature has brought that Southwest Asian region onto the verge of the kind of warfare which leads into “a new dark age” throughout a very large region of the planet, and, thence, into the threat of a general calamity spreading throughout the planet as a whole.

To achieve competent insight into this presently perilous situation, it is essential to recognize the his-



Truman Library

Since the agreement between Harry Truman, a “witting Wall Street-linked, British stooge,” and Winston Churchill (shown here in the Oval Office, 1952), following the death of FDR, the trans-Atlantic region has been under the grip of the London-centered imperial financial empire.

tory at the center of this present crisis. This crisis reflects the deepening, global, economic and social crisis which began, in fact, with the death of President Franklin Roosevelt. It is now essential to consider the fact, that with the advent of a witting (“Wall Street-linked”) British stooge, President Harry S. Truman, and as a result of which a British imperial yoke of Anglo-American financial control which was expressed by the Truman Administration, there was a form of control centered in financier-imperial London, which has gripped the trans-Atlantic region itself since that time.

The trend which was set into motion by the agreement of Truman and Churchill, immediately following the death of President Franklin Roosevelt, had been a trend which rose to its present kind of powerful influence over the United States and its political-parties system, a trend which developed, step by step, during the course of the lapse of time over decades:

1. With the assassination of President John F. Kennedy, the grip of British imperial power became strategically critical in its grip on the destiny of the U.S.A., and, also, that of the world at large, as also, somewhat similarly, that under Bertrand Russell associate

Nikita Krushchov.¹ The Indo-China war, was a war which was conducted for the purpose of overcoming President Kennedy's and General Douglas MacArthur's shared intention in Kennedy's policy of forbidding any pending actions and blocking any U.S. participation in an unnecessary, British-demanded war in Southeast Asia.

2. That decade of warfare by U.S.A. in Southeast Asia, as followed by the "long wars" of the luring of Soviet forces into a similarly foolish war in Southwest Asia, and by, more recently, the luring of a foolish U.S.A. Presidency into exemplary long wars in Iraq and Afghanistan under George W. Bush and Barack Obama: wars which have largely wrecked the morals and the economy of both the U.S.A. and the Soviet Union, and others.²
3. The outbreak of what became known as "World War I," actually began with that agreement between the British Prince of Wales Albert Edward, and the Japan's Mikado of the 1890s, to go to war against China, immediately, and continued with a war against Russia in its far East: the decision which had led into the Pacific-centered British imperial warfare of 1895-1905 and beyond.
4. These developments were pre-signaled by the ouster of Bismarck from the post of Chancellor and the assassination of France's President Sadi Carnot. As of 1905, the German Kaiser and Russia's Czar, meeting on a yacht cruising in the Baltic Sea, suggested to one another, "Do you think that our uncle (then the former British Prince of Wales, now Edward VII) intends to drive us into war against one another?"
5. Historians and scientists, and actually serious strategists and historians, especially those who are respon-

sible for vital strategic assessments by governments, must never permit themselves to be deceived by the very same diplomatic shams which might be concocted for the sake of some appearance of diplomatic courtesies. (Diplomacy is more or less urgent while a prospect of peaceful relations, especially cooperative ones, exists in process; beyond that time, times have changed.) At this present moment, the immediately pending developments include the risk of early outbreak of a spreading state of warfare which had been placed on the springboard of the politically motivated assassination of Qaddafi: the springboard of a now Mideast form of replacement for a Balkan war, has been sprung into action.

6. All this, and more, is presently of primary concern for those nations of Europe and beyond which are presently seized by the grip of the general economic/monetary breakdown-collapse crisis centered in the trans-Atlantic region of this planet. The present situation is, thus, broadly comparable, in this way, to the potential for the outbreak of the European wars of 1905-1917 and 1939-1945. This ripe situation now exists, and will continue its course toward general warfare for at least as long as the present British puppet, and U.S. President, Barack Obama, remains seated.

Therefore, that much said here and now; I continue.

In this presently global strategic crisis-situation, it is urgent that I take advantage of my position as a private authority in economic and related strategic scientific matters, to place those essential truths of this aspect of the strategic matter on the table, such that concerned private circles in our respective nations might be enabled to examine some of the crucial features of the threat of general warfare, and worse, which is now hanging above us all.

We must now consider the economic factors in this present strategic crisis. That means that we emphasize the crucial factor, that my particular advantage in presenting that case, is derived from the methods which have made me a uniquely successful general economic forecaster over the interval from my initial publicized forecast of 1956 [that of the 1957 U.S. deep recession] through that of July-August 2007 and beyond. Those customary general forecasts which are in wide circulation among relevant, qualified professionals now, have been based on deep insight into the nature of the intrinsic

1. Through Krushchov channels with Bertrand Russell's **World Parliamentarians for World Government**, as also the Bertrand Russell circles associated with both the notorious Russell followers' Cambridge School for Applied Systems Analysis, as related to the Laxenberg-based International Institute for Applied Systems Analysis (IIASA). The latter subject is also known as the scheme for "world governance." U.S. based, but also international military operations of that breed, are located in an attachment to the college there. Former U.S. Vice-President Dick Cheney is notably associated with that link.

2. To understand those implications of the mass-murder of Mr. Qaddafi and numerous among his traveling companions, it were most useful to adopt a perspective from the history of two sets of so-called "World Wars" which a British-ousted advocate of peace, retired Chancellor Bismarck, had characterized as a coming re-enactment of the likeness of a "Seven Years War."

sically incompetent practice of monetarist statistical forecasting methods among most current economists, whereas my own successful methods have been premised on physical principles, rather than statistical ones. That difference is to be restated, otherwise, just as the celebrated Bernhard Riemann said, in effect, in the closing sentence of his 1854 habilitation dissertation: “On the Hypotheses which Underlie the Principles of Geometry.”³

That is to emphasize the specific methods of Riemann, Vernadsky and their followers, which are the properly mandatory basis for general references in scientific work today.

Thus: while there is no ultimate division between Russia’s and China’s policy-trends respecting the trans-Asian domain and the trans-Atlantic now, the general trend of interactions, between, on the one side, the trans-Atlantic regions (generally) and the trans-Pacific-centered regions, represents a crucial, planet-wide consideration in and of itself. The “new Balkan configuration” represents the new strategic pivot on which the motion toward a new “World Warfare” now pivots. The result is that the set of relations expressed by the conditions in every part of the planet, are not mechanical in nature, as “parts,” but, rather, are systemic, as are all aspects of the galaxy within which we live, as the patterns of radical changes in patterns of interplanetary weather-systems extant throughout our Solar System and immediate galaxy should be reminding us all presently.

At the present time of soaring world economic-breakdown-crisis centered in the trans-Atlantic regions, the “new Balkan hot-spot,” the Southwest region of Asia, serves as the pivotal feature of the generation of



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The continued existence of human life on Earth is dependent upon the rapid development of nuclear and thermonuclear capabilities, lest the “green” cultists bring on the otherwise inevitable new dark age. Shown: an ITER (International Thermonuclear Experimental Reactor) fusion device, Naka, Japan.

an actual new world-wide system of warfare—unless we come to our sudden senses, and bring this great folly abruptly to its end.

The Present Strategic Crisis

The time has come, thus, once again, when our minds must be uplifted from viewing global processes as a system of mechanical-like interactions, as some ordinary diplomats and their clients (and most contemporary heads of state, or government) have often tended to do. The entry into the strategic domain of nuclear and thermonuclear capabilities, had been the proper time for an unavoidable change which must be made, as by emphasis on nuclear-fission and thermonuclear fusion, for the reasonably assured existence of human life on Earth; otherwise, ultimately, there is the prospect of the human extinction which the cultists of the present day “green faction” would bring upon the world, were their influence be continued on any significant scale.

It should be noted, that the “history” of our own galaxy over the course of a recent half-billion years, marks a rising trend of required energy-flux density, a

3. *Über die Hypothesen, welche der Geometrie zu Grunde liegen* (Göttingen, 1854).

trend conducted through species with formerly inferior relative qualifications which would have otherwise tended to become extinct (like many species before them), while the species and systems with the expressed potentials for significantly rising energy-flux densities, tend to emerge and survive. For the case of humanity, it is the uniquely creative powers of a human species whose activities are expressed in rising energy-flux

The insurgent crisis among the members of the current European Union and others, has now become an immediate source of conflict which could lead, during the early future, to terrible conflicts and other homicidal factors of actions among some or more of those nations.

density, per capita and per square kilometer of action, which are the probable survivors.

This is to be translated by history in such as the following examples.

On this specific account, we should recall, that President Franklin Roosevelt, for as long as he had lived, had crafted agreements, which had reflected his appropriate understanding of these matters in respect to the post-war role he had granted to the Soviet Union and China. One does not demand the fulfilment of “preconditions” which could come only through the experience of preceding collaboration. At that time, these were precisely the conditions of mutual need which would have been sufficient force of circumstances to create the needed cooperation.

On the Matter of al-Qaddafi’s Murder

Now, the precondition for the possibility of avoiding that threat of warfare which the war-criminal action against the defeated Qaddafi and his companions now presents, has been removed for only a moment in history. Nothing has been actually set to rest; the virtual bomb is ticking as never before in recent times, as in the case of two comparable earlier times during the 1890-1945 interval, and, later, during the threat of general nuclear warfare launched by Bertrand Russell in 1946. The insurgent crisis among the members of the current European Union and others, has now become an imme-

diated source of conflict which could lead, during the early future, to terrible conflicts and other homicidal factors of actions among some or more of those nations.

Some of these conditions are in the nature of being considered as no more than significant possibilities; others converge upon virtual certainties, as the standards for such estimates flow from the actual conditions which had arisen during the 1890-1989 interval.

This has a presently relevant history; I explain.

We must take into account the conditions which require a presently closing count-down of the present potential for what might be termed by some as nuclear-weapons-armed, British-created “World War III.” Russia’s proposal for a space-oriented application of such technologies of types essential for mankind’s relationship to nearby Solar space, and, implicitly, even far beyond, is highly relevant.⁴

The necessity for such reforms of global policy is manifold. The elemental source of the relevant threat to mankind, is to be located, scientifically, in the pre-history of the Roman Empire and such of its capital successors as the present, virtually global British empire.

Now, first, I shall summarily address the matter of the current British Empire, and how it became the successor of three preceding incarnations of the ancient Roman Empire. Then, I shall turn our attention back to the matter of the relevant principle of evil which the incarnation of the present British empire, and its current strategic policy, has inherited.

The Enemy, the British Empire

First and foremost of the actions to establish the original British empire, was the making of British King William of Orange, a leader of what was defined as the New Venetian Party composed of the followers of that notorious Paolo Sarpi who had been a key figure in the pre-orchestration of the launching of modern Europe’s Thirty Years’ and its strategically most relevant sequel, the Seven Years’ War, the sequel which pre-established the existence of the British Empire. However, the precedent for the British Empire as such, takes our attention to the deeper origins from which that present British Empire has sprung, into the matter of that ancient model of empire, that ancient Roman Empire which had been brought into pre-existence on the Isle of Capri, that according to the same oligarchical principle associated

4. Russians Propose SDI-plus, (<http://www.larouchepac.com/node/19890>)

with the virtually mystical saga of the Olympian Zeus and that latter's likeness.

The name of that ancient system is, appropriately, "the oligarchical principle."

The principle of that "oligarchical system," is premised on the notion of the supremacy of a special sort of social class over virtual captives, who are held in virtual bondage by a class of persons regarded as virtually "gods," "gods" akin to such as the esteemed rulers of Wall Street and London presently. The remainder of the populations are treated, under the oligarchical principle, as, implicitly, merely cattle cast in a physically human form, but are, ultimately, reared, harvested, or simply killed in manner like that of cattle, all done in the oligarchical exercise of management of the herds of human cattle, as the British monarchy has recently prescribed the urgent motivation of the reduction of the planet's human population from the vicinity of seven billions persons, to merely one or less, as through aid of sundry economic and "environmentalist" methods exceeding even the proposed reduction of the human species by Prince Philip's World Wildlife Fund to two billions, earlier.

All four successive expressions of the original Roman Empire (original Roman, Byzantine, Old-Venetian/Crusader, New Venetian Party—"Sarpian"/British), are expressions of the same principle of population control associated with ancient Greek history and legendry. We shall deal with this in the concluding elements of this present report.

This system, which is known to the cultures of Mediterranean-centered societies as a system of (actually) oligarchical law, limits the authority to define the meaning of "law" to what is, ultimately, a single human-like figure, or some other image, such as an insane U.S. President Barack Obama, who insists after the same



The oligarchical principle is premised on the supremacy of class of persons regarded as virtual "gods," "akin to such as the esteemed rulers of Wall Street and London presently." The rest of us are treated as mere cattle, to be reared, harvested, or simply killed. Shown: Zeus, ruler of the Olympian "gods" (Roman, mid-Second Century A.D.; restored, 1686).

fashion as that of the ancient Roman Emperor Nero, the latter being of the same psychological characteristics as the current, British monarchy-created, U.S. President Barack Obama. That fact, respecting "the Obama-Nero type" of psychopathological personality of a single, common archetype, is the present key to understanding the present and immediately prospective roles of British royal puppet Barack Obama.

The fact that Obama's pathological characteristics are tolerated this far, reflects the characteristics of the British imperial system in the form that empire still exists today. As I have reflected, in comparing the President Obama of today with the Obama of April 2009, that there has been no essential change in his personality greater than that witnessed in the maturation of some species in its passage from the "egg," through the larval, into a maturer, adult form of mass-killer in the Adolf Hitler tradition, and also the Emperor Nero's ultimate outcome. His personal traits, as exhibited publicly today, are the same as those of an Emperor Nero, as the scholarly studies of the character of Nero accurately attest for the case of Obama presently.

Hence: "Mankind beware."

The Oligarchical Principle & War

The essential character of the oligarchical system, and the characteristics of the oligarchs as individual personalities, lies not in the personality of any particular oligarch, but, rather in the principle of the oligarchy as such. In that sense, the mean-spirited but weak-minded President George W. Bush, Jr., his father George H.W. Bush, and the latter's father, in turn, Prescott Bush of the British branch-bank Brown Brothers Harriman

(the backer of Adolf Hitler's rise to personal power), have each and all been highly similar types, types in the likeness of their essential personal traits to those of former U.S. Vice-President Dick Cheney. All of these cases echo the set of traits which mimic typical British imperial-monarchical figures. Among such, the Emperor Nero has a specially memorable quality of case, a case of the same principle as the others, but in its relatively far more extreme expression as being of that type.

The distinction of the oligarchical premiers from "ordinary mortals," lies, systemically, in the proper use of the present and future tenses, of the past and present, as distinct from the future, that in respect to all matters of adopted law. The rule of merely ordinary kings, or customary law of governments, for example, lies within the bounds of what has been recognized as previously established forms of reigning law; only emperors or like types of reigning oligarchs, such as the monster known as England's Henry VIII, are permitted to create a principle of law which is truly *de novo*.

With the immediately stated points of the preceding paragraph, our report has come to the central issue of all human history heretofore: *the crucial issue represented by the oligarchical principle*.

What is generally known to the history-books of today, as the anciently ruling constitutional feature of law imposed upon any organized society generally, is, in fact of practice, an expression of what is defined in record and practice as "the oligarchical principle." In other words, this distinction is identified as the qualitative difference between "the gods" and "the mere mortals." The best illustration of that distinction made in the practice of law, is that distinction of the powers of mere kings, from the powers of an emperor.

This distinction of emperor from mere king is so deeply embedded into historical practices, such that the effect of that distinction has been bludgeoned almost entirely out of even most official memory. What is concealed in effect by such means, is that the notions of law are limited, in general effect, to deductions from the precedents of the past, rather than the implicitly foreseeable requirements of the future. For example, under the rule of the notion of an emperor, as under Roman law, the nation-state's chief officer, such as "a king," may rule: but, only the strictly defined emperor, as under Roman law, can create law *de novo*. In other words, the dictator is an official who creates law out of his, or her own will. The king (e.g., the nation-state) can

not create actual law, but only administer on the basis of the equivalent of experienced practice (e.g., legal "precedent" in past and present practice). Thus, for example, President Barack Obama has adopted the powers of an emperor, free from the constraints of existing law of the U.S.A.

An excellent illustration of a notion of true general law, does not exclude what is heretofore experienced as deduced law, but must not evade the need to extend the notion of true law of nations and among nations to what is properly adduced as a scientific discovery of a newly discovered true physical, or comparable principle. This is not necessarily a troublesome connection to be made; the part of the body of truly universal law includes principled insights into proper law made to be extended to the domain of scientifically (hence lawful) foreseeable future states of nature, that with a merely included emphasis on such notions of law as from law of popular and related ordinary experience.

In fact, scientific foresight as illustrated by the discoveries of Bernhard Riemann and V.I. Vernadsky, is at least equal as determinants of mankind's practice of law for mankind, as the negotiation of any law of a nation in a proper court of law, such as in matters of legislation. Indeed, the competent definition of a law of nature which is rooted in scientific rigor, is more reliable, and, thus, more lawful, and properly more binding than much customary law-making and law-enforcement.

For example, the physical-scientific evidence is, that the universe undergoes a process of development which is exactly contrary to that fraudulent notion of a "Second Law of Thermodynamics" introduced to Nineteenth-century practice by Rudolf Clausius; the evidence pertaining to the "history" of living processes during as much as a recent half-billion years of living processes, demonstrates that the evolution of species proceeds by a pathway of increasing energy-flux density. Clausius is not a particularly honorable figure of Nineteenth-century science; but, the so-called "Second Law" is, indeed, considered "traditional," but only arbitrarily, from the vantage-point of the oligarchical principle of relevant branches in statecraft.

This fraud expressed as the Nineteenth-century concoction of a so-called "Second Law Thermodynamics" into which even otherwise competent scientists have been bludgeoned, academically or otherwise, is nonetheless consistent with models such as ancient Roman



The 15th-Century works of Nicholas of Cusa and his follower Filippo Brunelleschi profoundly influenced the founders of the American Republic, notably its scientific genius Benjamin Franklin. Shown: Brunelleschi, holding a model of his creation, the Dome of Florence Cathedral (by Giuseppe Bezzuoli, early 19th Century).

Law precedents. That is, indeed, “The Oligarchical Principle.”

For a richer understanding of this matter, consider those specific interactions between European and U.S.A. law which can be traced, directly, from the work of such as Cardinal Nicholas of Cusa, and the practiced difference between English law and the law established by the pre-William of Orange, Massachusetts Bay Colony under the Winthrops and Mathers. Since the leaps in technology which occurred under the pre-William of Orange Massachusetts Bay Colony, there was a phenomenon associated with the historical role of Benjamin Franklin, both as a leading statesman and scientist.

This historical phenomenon originated as a feature of post-“dark age,” Fifteenth-century European culture from the most prominent and consequently influential influences represented by the scientific discoveries in the work of Filippo Brunelleschi and Cardinal Nicholas of Cusa’s **De Docta Ignorantia**. Since that historic point of departure in modern science, the emergence of the original development of Massachusetts under the Winthrops and Mathers, became,

through the continued special role of such as Benjamin Franklin, a part of an active resonance within the progress of European science and related matters, within which advances in science on one side of the Atlantic reflected and stimulated kindred revolutionary steps of progress on the other shore.

The essential fact respecting that trans-Atlantic interaction in scientific and related cultural progress, has persisted, at least in the larger perspective, even under conditions where such progress was being brutishly suppressed. It is naught but human nature which demands such a direction, even against the most bitter, repressive threats from the oligarchic interests.

For understanding these issues of universal law, “the oligarchical system” is to be recognized as dividing mankind into two contrasted species, “gods (oligarchs).” and “mortals” (considered relatively as “cattle”) or other qualities of “slaves.” Although oligarchical factions do war on each other, out of their nature as oligarchies, the essential concern of the oligarchical system is to secure the dictatorial authorities of the oligarchical “species” against the natural potentials of the regular human “species.”

On that account, the oligarchy will employ instruments based on actually scientific knowledge, as weapons for keeping the numbers of the population down, especially of the non-oligarchical classes. The oligarch will use scientific knowledge gained, to beat a rival oligarch, but, will recurrently act to “dumb down” the general population, and to sharply reduce that latter population, even frequently, to prevent the general population “from becoming too numerous.”

Hence the habitual tendency of the oligarchy has been to suppress the general population’s access to serious forms of progress in competent advances in scientific knowledge, such as the conduct of the cult of the “environmentalists” acts to prevent both the development and spread of competent access to scientific knowledge. This has been an anti-scientific impulse of tyranny which is supplemented, from time to time by measures of explicit genocide, typified by the Hitler regime, or the Emperor Nero earlier, and by the impulses of President Barack Obama, as also typified by

the British monarchy's association with "Malthusianism" and Prince Philip's shamelessly mass-murderous promotion of World Wildlife Fund. Since that offshoot of the Confederacy which was Theodore Roosevelt brought the mental sickness of "environmentalism" into the practice of U.S. national law, especially since the assassinations of President John F. Kennedy and his brother Robert, the Anglo-American oligarchies have played an increasing role in destroying the conditions of scientific progress, which does conform to British imperial fancies, but not to the body of law on which the existence of our United States was premised.

This planet is presently gripped, in natural respects, by the urgency of ventures into exploration of nearby Solar and also galactic space, which are required as both the protection of the role of the human species within our Solar system, and, our ability to reach into needed effects affecting the functions and evolution of our galaxy. Already, at this time, the Solar system itself is approaching a place-and-time within the presently evolving galaxy which tends to place the human species in a more deadly part of the orbit of the galaxy which the human species has never experienced earlier.

Under such conditions as those, mankind's scientific progress into increasing powers to master the changing conditions of nearby Solar space, and beyond, is a certifiably essential pre-condition for securing the existence of our human species. Clearly, that mandatory, and therefore obligatory mission of the nations of humanity, is to fulfill missions which are, at a minimum, essential for the continued existence of our species. That presently urgent mission for the future could not be fulfilled without the liberation of the minds of human beings generally for their becoming truly creative human minds whose work in a revolutionary process of scientific advances is indispensable policy of practice for our species as a whole.

The national cultures of humanity must be rallied to the common purpose of our species' proper destiny, as in the image The Creator Himself. Thus, the law in the future, must become the law of creating a newer future. Only in this manner can the fires of a new holocaust of general warfare on this planet be averted. The Roman-like oligarchical tradition must be conclusively uprooted, and a policy of mankind's devotion to creating the law of the future, established as the common destiny of the peoples' sovereign nations.

London's Puppet Obama Triggering Global War

by Jeffrey Steinberg and
Nancy Spannaus

Nov. 1—As Lyndon LaRouche asserts in his "Qaddafi's Death" (p. 4), the larger significance of President Barack Obama's extrajudicial assassination of Libyan leader Muammar Qaddafi, at the close of the illegal NATO regime-change operation, has now become crystal clear: Under British puppet Obama, the United States is leading the planet into a Third World War that will cause greater devastation and loss of life than the two world wars of the previous century.

There is no solution to this existential threat to the continued survival of mankind without removing Obama from office immediately, under clear provisions of the U.S. Constitution. Obama can be impeached for crimes already committed and well-documented (see following article), including the illegal Libya War and the assassinations of American citizens without due process. He can also be immediately removed from office under Section 4 of the 25th Amendment, which provides for the orderly replacement of a U.S. President who is physically or mentally unfit to serve.

Obama's recent behavior has proven, beyond a doubt, that LaRouche was absolutely right—on April 11, 2009—when he publicly compared the President to Emperor Nero, and warned that Obama displayed symptoms of a severe narcissistic disorder that posed a grave threat, were he to remain, unchecked, in office for long. Nerobama's killer rage has now fully surfaced, and his safe removal from office is the only secure war-avoidance option left on the table.

The New Middle East Cockpit

There are clear indications that London and its White House puppet are committed to the forced removal of Syrian President Bashar al-Assad from office, by the same means used to depose and assassinate Libyan leader Qaddafi. The efforts of the Obama Administration, through British lackey, U.S. UN Ambassador Susan Rice, to ram through a UN Security Council resolution against Syria, signalled this intention so clearly, that Russia and China took the very



White House/Pete Souza

The Queen's loyal vassal Barack Obama is taking the world into a global war, as the "solution" to the breakdown crisis of the trans-Atlantic region. Obama, shown here, offers a toast to Queen Elizabeth II, in London, May 2011.

unusual step of both vetoing the resolution back in early October.

Any such attack on Syria would be part of a larger plan to militarily attack Iran as well, and the Russians are carrying out active diplomacy in order to stop it. Russian Foreign Minister Sergei Lavrov, on Nov. 1, declared that Russia supported the efforts of the Arab League to resolve the Syria crisis, but then clearly took aim at the war-mongering from the British-French-U.S. crew which ran the operation in Libya.

"We advocate an approach which, among others, is applied in Yemen," Lavrov said, according to a wire put out by rt.com. "There was an initiative of the Cooperation council for the Arab States of the Gulf. And everyone, be it the Council itself, the Arab League, the EU, US, Russia or China, acted responsibly, without setting artificial deadlines, waiting for months until the goal was achieved."

"Isolation is not our approach," Lavrov continued. "If something goes wrong in Syria, many countries of the region will feel a negative impact. We can't support isolation because of the lesson we drew from Libya."

The Russian Ambassador to Qatar, Dr. Vladimir Titorenko, also addressed the Syria situation. Speaking in Qatar Oct. 31, he emphasized that Russia disapproves of the Syrian government's harsh crackdown and is involved in mediation with the opposition. But he cautioned that the situation is complicated by the

fact that some opposition forces refuse to talk with the government, and are actually conducting a shooting war against it. "Some outside elements are arming the demonstrators," he charged.

Iran Is Next

Russia's relationship with Iran is different than that with Syria: Any attack on Iran, which borders on territory formerly within the Soviet Union, would be deemed a *casus belli* for Moscow. So, any further war-making targeting Syria and Iran—as now planned in London and in the Obama White House—would immediately extend the conflict into the larger Eurasian region, and would draw in Russia.

The assassination of Qaddafi, as he was reportedly in the process of surrendering to international forces, was carried

out to maintain the war momentum. Claims that London, Paris, and Washington feared the embarrassment of a Qaddafi trial, exposing deep ties to the Libyan leader, and had him assassinated to avert the public exposure are not the whole truth. The real motive behind the assassination was to accelerate the drive for further wars targeting Syria and Iran.

At the very moment that Lavrov issued his warning to Washington and London, new propaganda was being churned out in Israel and the United States, accelerating the targeting of both Syria and Iran.

The Israeli daily *Ha'aretz* revealed Nov. 1 that a diplomatic cable had been sent out to Israeli ambassadors around the world, alerting them to the assessment that Iran is now close enough to obtaining a nuclear weapon, that Israel may be forced to take action. The next day, Israeli newspapers reported that the Netanyahu Cabinet was close to reaching a majority in favor of an attack on Iran.

Also on Nov. 1, Associated Press reported that new allegations of a secret nuclear installation in Syria are being reviewed in Washington, and by the International Atomic Energy Agency. Just such allegations led to a bombing raid by Israel against Syria, with U.S. Vice President Dick Cheney's blessing, in 2007.

The Israeli line about Iran being close to obtaining a nuclear bomb is pure disinformation—and even top officials in the Israeli Defense Forces and the Mossad

know it. The Iranian nuclear program is largely in shambles. The continuing impact of the stuxnet computer virus is significantly hampering the ongoing enrichment efforts at the Iranian facilities at Natanz and Qom, according to senior U.S. intelligence sources. Other technical problems, tied to the tight sanctions against Iran, as well as the assassinations of at least four key Iranian nuclear physicists in the past two years, has further delayed and stymied the Iranian nuclear project.

And a recently updated U.S. National Intelligence Estimate (NIE) on Iran's nuclear program, according to journalist Seymour Hersh, concluded that the 2007 estimate that Iran disbanded its nuclear weaponization program in the Autumn of 2003, was still accurate. Iran is not now pursuing a nuclear weapon, but *is* pursuing expanded nuclear power—in cooperation with Russia.

London's Motive for Pushing World War

What could possibly be behind London's berserker drive to provoke a conflict in the Middle East cockpit which would certainly lead to general global war, with a high likelihood that nuclear weapons would be used? The entire British imperial system is facing an existential breakdown crisis, centered in the trans-Atlantic region. The entire European financial and monetary system is hopelessly bankrupt. The recent "deal" brokered by German Chancellor Angela Merkel and French President Nicolas Sarkozy did absolutely nothing to solve the bankruptcy of the European and City of London banks.

The situation in the United States is no better. The so-called "Big Six" Wall Street banks—Bank of America, JPMorgan Chase, Citibank, Goldman Sachs, Morgan Stanley, and Wells Fargo—are equally bankrupt. The U.S. banks are exposed to the now unraveling European debt crisis, and they are still sitting on trillions of dollars on near-worthless mortgage-backed securities and derivatives contracts. The whole trans-Atlantic system, as presently constituted, is doomed in the near term.

This financial disintegration is already driving a process of social disintegration, most graphically seen in Greece, where Prime Minister George Papandreou just replaced his top military brass, raising the question of whether the military is seriously considering a coup d'état to avoid the total destruction of the nation. Virtually every other European nation, starting with the so-

called PIIGS countries (Portugal, Ireland, Italy, Greece, and Spain)—is facing the same disintegration. Great Britain itself is hardly immune to the process. And the United States is not far behind.

In contrast, Russia is not in a state of disintegration. China and India are continuing to grow. The British imperial faction cannot allow the Asia-Pacific region to remain stable, as the trans-Atlantic region goes through social and political and economic disintegration.

London has apparently decided that it cannot allow the LaRouche program for Glass-Steagall, a credit-led economic recovery, and an alliance with Russia and China, along with India, to go forward, despite the fact that its policies represent virtual suicide for the trans-Atlantic region itself. Any movement towards implementation of LaRouche's seven-point recovery program, including the creation of a fixed-exchange-rate credit system among the world's leading sovereign nation-states, would spell the end of the British Empire, and it is the Empire, not the people, that the London imperium is determined to try to save.

No Local Wars

The British Empire has been in a similar place before.

Beginning in the 1890s, Britain's Prince Albert Edward—later King Edward VII—moved to provoke a series of regional wars across Eurasia. His objective was to stop the further expansion of the American System into the continent, an expansion expressed in the U.S.-Russian collaboration on the completion of the Trans-Siberian Railroad and the proposal by Czar Nicholas to build a link between the Russian Far East and Alaska across the Bering Strait. Germany under Bismarck had adopted American System methods in promoting war-avoidance cooperation with Russia, including the construction of a rail link between Berlin and Baghdad. France under Gabriel Hanotaux had advanced similar American System-inspired projects, including a railroad from Paris to Vladivostok, and across the northern tier of the African continent.

All of these moves threatened to destroy the power of the British Empire, with its control over the strategic sea lanes of Eurasia. Albert Edward struck a deal with the Japanese Emperor to launch a series of wars in the Far East. Japan successively went to war against China and then Russia. Similar London-engineered wars were launched in Asia Minor. Ultimately the Balkan Wars, in conjunction with the other manipulated war provoca-



White House/Lawrence Jackson

Obama's doppelgänger Israel's Benjamin Netanyahu, is pushing for an attack against Iran, as part of the Empire's war strategy. The two are shown here at the White House in May 2009.

tions, brought on World War I, with the assassination of Archduke Ferdinand in Sarajevo. The “Guns of August” were unleashed then, and again, less than 30 years later, using London’s Hitler project as the new marcher lord for world war.

Whereas World War I and World War II were detonated by the Balkan conflict, the only difference today is that the center of London’s war provocations has shifted slightly eastward to the Persian Gulf and Southwest Asia. Any attack today by London’s “Obama project” on Syria or Iran means general war. A war against Iran would immediately draw in neighboring Pakistan, a nation that has been already destroyed by a Thirty Years War launched by London, and largely carried out by successive U.S. Presidencies.

Pakistan was targeted by London from the moment that former Prime Minister Ali Bhutto announced his intentions to build nuclear power plants and bring Pakistan into the 20th Century. Bhutto was toppled by a London-Washington backed military coup, and executed for his crimes against London’s diktat: No Arab or Muslim nation will ever be allowed to fully develop and prosper as a modern nation-state.

Within a short period of years after the Bhutto execution, the entire Pakistan/Afghanistan region was drawn into an asymmetric war to drive the Soviet Army out of Afghanistan, into which it had foolishly been entrapped. Nearby, the Islamic Revolution in Iran had provided the pretext for an eight-year Persian Gulf War between Iran and Iraq—a war of mutual destruction that British agents like Henry Kissinger relished, and that was immediately followed by Operation Desert Storm, targeting the Saddam Hussein regime in Baghdad for eventual military overthrow. The decade-long asymmetric war to drive the Soviets out of Afghanistan destroyed Pakistan. Opium production and heroin processing, vital to the financing of the Afghan mujahideen program, created a deep structure of crime and corruption within the Pakistani military and intelligence structures.

When the Soviets withdrew, defeated, from Afghanistan, the United States turned tail and withdrew from all responsibilities to rebuild the war-ravaged Pakistan and Afghanistan. Indeed, the U.S. Congress showed their gratitude to Pakistan by invoking the Pressler Amendment, cutting off all aid to Pakistan, because it was pursuing a nuclear weapons capability.

Today, Pakistan’s leaders are convinced that the United States is poised once again, to abandon them, when it is time to withdraw American forces from Afghanistan in time for Obama’s reelection campaign.

Strange Bedfellows

The Middle East cockpit is set to explode, and one of the leading tools that can be exploited by London is its Zionist marcher-lord state, Israel. An Israeli attack on Iran or Syria would be the detonator for a regional war that would almost immediately devolve into a global conflagration, drawing in the United States, Russia, China, and India.

The British use of their Israeli tool Prime Minister Benjamin Netanyahu is further complemented by Britain's other key asset in the region—Saudi Arabia. Since the death of Franklin Roosevelt, Saudi Arabia has been drawn fully into the British orbit. This arrangement was sealed with the 1985 Al-Yamamah covert intelligence project, which continues to this day, and is the largest source of offshore covert funds to finance wars all over the globe.

As part of the London-engineered drive for world war, starting in the Middle East cockpit, British assets Saudi Arabia and Israel have been converging on a strange-bedfellows alliance against their common enemies: Syria and Iran. After Netanyahu received more than 30 standing ovations from a slavishly adoring U.S. Congress during his last official visit to Washington, both London and Tel Aviv are convinced that, once Israel launches an attack on Iran and/or Syria, President Obama will commit American forces to “finish the job.”

Obama Must Be Removed from Office

There is but one simple and elegant way to prevent this nightmare from playing out in the immediate days ahead. As LaRouche has demanded since April 2009, Obama must be removed from office—because he is mentally unfit to serve as President. The list of “high crimes and misdemeanors” committed by this President over the past three years is more than sufficient to warrant his impeachment. Were either of these options to be taken up by Congress, or by the Vice President, Obama would be robbed, permanently, of the authority to carry forward with London's cries for war, war, and more war. Obama's Constitutional removal from office is vital. But the public move to bring him down, itself, would be a powerful deterrent to London's drive to provoke World War III.

The move to launch new wars against Syria and Iran, are already underway. London's planners know that any action against these two nations would draw in Russia; and any action against Pakistan would draw in China. British agent Susan Rice made herself perfectly clear, when she went ballistic against Russia and China for vetoing the UN Security Council resolution that would have launched a Libya-style regime-change campaign against the Assad government in Syria.

The Guns of November are set to go off. The countdown to world war has begun.

Lawyers Detail Case To Impeach Obama

by Edward Spannaus

Nov. 1—President Obama's policies of waging war and assassinations outside of any legal or constitutional framework, have come under sharp attack from various quarters recently, with two of these being of particular importance. The question is: When will Congress, and other leading political figures, take up their responsibility to act on the clear evidence that President Obama is a clear and present imminent danger to the United States, its citizens, and world peace, and remove him from office.

First, we summarize below an interview with Prof. Francis Boyle of the University of Illinois College of Law, a noted expert on international law and human rights. Boyle, who has offered his services to any member of Congress for drawing up articles of impeachment against Obama, says that not only do the President's attack on Libya, and the assassination of U.S. citizens, represent subversion of the Constitution, but he adds that, if Obama is not stopped, his next target might be Syria or Iran, which could lead to World War III.

Secondly, we report on a new paper on the Obama Administration's policy of targeted killings, by New York University Law Prof. Philip Alston, a former UN Special Rapporteur on Extrajudicial, Summary and Arbitrary Executions. Alston describes the Obama policy as a throwback to the Dark Ages, and warns of the extreme danger when one state carries out assassinations on the territory of another, with which it is not at war. “The result,” Alston declares, “is the steady undermining of the international rule of law, and the setting of legal precedents which will inevitably come back to haunt the United States before long when invoked by other states with highly problematic agendas.”

Boyle: Grounds for Obama's Impeachment

In an Oct. 29 interview with LaRouchePAC TV's Leandra Bernstein, Professor Boyle emphasized two impeachable offenses committed by President Obama,



International law and human rights expert, Prof. Francis Boyle, has offered to assist members of Congress in drawing up articles of impeachment against Obama, based on his violations of the U.S. Constitution.

among what he considers “a very long list.” The first is the recent murder of U.S. citizens in Yemen, and the second is the waging of “a completely unconstitutional war against Libya.”

Boyle pronounced the killing of Anwar al-Awlaki, his 16-year-old son, and a third U.S. citizen, by drone attacks, to be a “clear-cut violation of the Fifth Amendment to the United States Constitution, requiring due process of law.” He explained that “it subverts the entire basis of the Constitution, that President Obama can basically, effectively set up a murder list with no authorization from anyone—even assuming anyone could give it to him—and in Star Chamber proceedings, kept completely confidential from the American people, order the murder, deliberate murder now, of two United States citizens.

“And I would hope all of our American citizens, whether we’re Democrats, Republicans, Greens, socialists, communists—I’m an independent myself—would agree that no President should have the power to murder a United States citizen for any reason.”

Boyle declared that the two lawyers in Obama’s Office of Legal Counsel (part of the Justice Department), David Barron and Marty Lederman, who wrote a memo allegedly trying to authorize and justify murdering a U.S. citizen, “should be impeached, immedi-

ately,” and that, “They should be prosecuted for murder as well.”

The second basis for impeaching Obama, Boyle stated, “is the completely unconstitutional war against Libya, in violation of the War Powers Clause of the United States Constitution, and the War Powers Resolution of 1973.” And here again, Boyle added the State Department’s Legal Advisor, Harold Koh, as another candidate for immediate impeachment. “He has also publicly justified the drone attacks by the Obama Administration, and other types of reprehensible activities,” Boyle said. “He needs to go right away.”

Boyle added other counts for impeachment, such as Obama’s “sending armed U.S. combat troops to Uganda, and three other Central African states, without any authorization by Congress, once again in violation of the War Powers clause of the United States Constitution, and the War Powers Resolution of 1973.”

Still more impeachable offenses committed by Obama, Boyle added, are the drone attacks in Yemen, Somalia, and Pakistan, and Obama’s massive escalation of the war in Afghanistan, in violation of the War Powers Resolution.

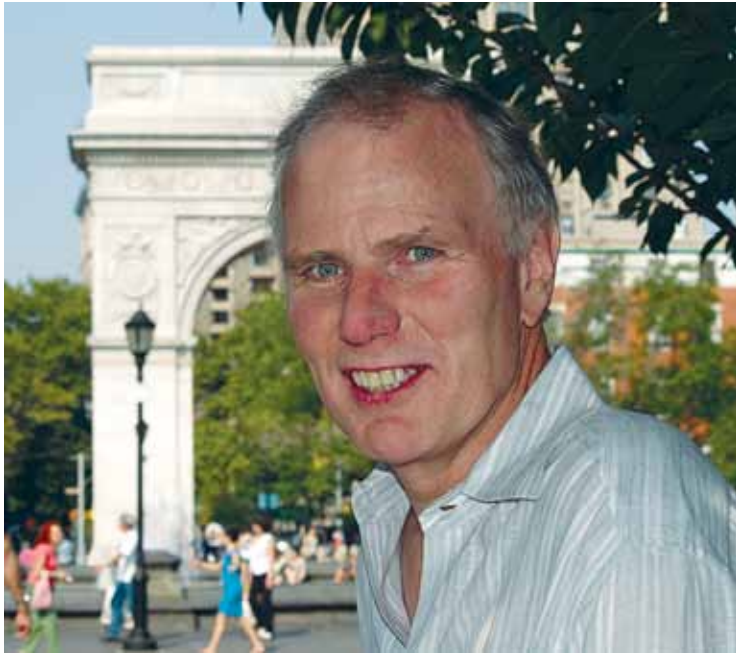
“We could also add in, his continuation of the spying on the American people, in violation of the Fourth Amendment to the U.S. Constitution. Basically, Obama has continued all of the police-state practices instituted by President Bush, starting with the U.S.A. Patriot Act, and continuing on until today, without any modification, or revision whatsoever.”

Dictatorship and War

Asked how he would respond to those who justify these actions as necessary to combat terrorism, Boyle responded:

“Well, we here in the United States of America have a Constitution and a Bill of Rights, that’s far more important than anything else. That’s what makes us a republic and a constitutional democracy. So, violating the Constitution and the Bill of Rights simply turns us into a police-state dictatorship. What’s to distinguish us from them? Why should we allow a gang of two-bit terrorists to destroy our Constitution, our Bill of Rights, and our republic?

“Look, at the founding of this republic of the United States of America, there was a dire security situation facing us, far more serious than anything today created



Wikimedia Commons/David Shankbone

Law Prof. Philip Alston, a former UN Special Rapporteur on Extrajudicial, Summary and Arbitrary Executions, describes the Obama policy of targeted killings as a throwback to the Dark Ages.

by these two-bit terrorists, and with Britain, and soon we have the War of 1812, Spain, France, the Indian nations—and despite that enormous security threat, multiple security threats that existed to our republic, our Founders drew up the Constitution and the Bill of Rights. So, this is simply astounding that a gang of two-bit terrorists have effectively eviscerated our Constitution and our Bill of Rights, at the behest of both President Bush Jr. and President Obama, continuing lockstep in all his illegal and unconstitutional policies.”

President George W. Bush invoked the doctrine of preventive warfare, Boyle pointed out, which doctrine had been rejected at the Nuremberg Tribunal, when the lawyers for the Nazis made that argument.

“But,” Boyle continued, “at least Bush tried to fit his doctrine of aggressive warfare within the context of defense. Obama is even worse. He has not even tried to do that. He’s *worse than Bush*. What he has argued, if you read his speech, is that the United States will go to war whenever it’s in our values and in our interest. He does not even bother to attempt to relate going to war, to the requirements of the United Nations Charter, or the requirements of the U.S. Constitution. And again, compare Bush to Obama. Again, not to justify Bush,

but at least Bush got mistaken authorization from Congress to wage a war of aggression against Iraq. Obama got no authorization from Congress at all, to wage a war of aggression against Libya.

“So, in fact, Obama is just as bad now, if not worse, than Bush. Both, when it comes to the alleged pretext for waging aggressive offensive war, which he has also now executed in Central Africa, and also, murdering U.S. citizens—even Bush didn’t try to do that! So, this is massive, terrible escalation in policy, illegal, unconstitutional policies, both under the United Nations Charter and the U.S. Constitution.”

Boyle then starkly warned of the danger that Obama’s actions could lead to a new world war: “Where it’s going, if Obama is not stopped, is quite clear. We could have war against Syria, and/or Iran, and that type of war, certainly against Iran, could very well result in a Third World War. I kid you not about that. The consequences would be uncontrollable.”

Alston: Back to the Dark Ages

“Assassination, poison and perjury” were all “legitimate principles in the dark ages,” Thomas Jefferson wrote to James Madison on Aug. 28, 1789, “but exploded and held in just horror in the 18th century.”

Professor Alston cites this quotation in his September 2011 report on targeted assassinations, to underscore his point that the now widespread use of targeted killings under the Obama Administration, “represents a fundamental regression in the evolution of both international law and United States domestic law.”

He writes that the attempts to justify targeted killings under international law constitute “a dramatic reversal of history,” explaining: “By the last decades of the twentieth century, the notion that an individual could legally be targeted and killed by one state on the territory of another in circumstances in which the law of armed conflict did not clearly apply had been discredited.”

It is also a regression in terms of U.S. law, Alston says, noting the ban on assassinations and other restrictions that emerged in the 1970s after the widespread assassinations carried out during the Vietnam War, and

the revelations about CIA practices in the 1950s and 1960s.

Alston notes that it would be naive not to acknowledge that intelligence agencies have always carried out such covert operations, but, he says, “I argue that there is a fundamental distinction to be drawn between traditional intelligence activities and operations that involve the drawing up of lengthy lists of individuals to be killed on foreign soil.” In fact, Alston cites at least six such kill lists which are publicly known: these are those maintained by NATO, the CIA, JSOC (Joint Special Operations Command), and three others which were disclosed in the course of the lawsuit brought by the ACLU and the Center for Constitutional Rights on behalf of Anwar al-Awlaki’s father, who was attempting to block the planned killing of his son.

Obama Undermines the Rule of Law

Alston’s analysis is necessarily incomplete because of the secrecy and deception that surround U.S. policies and actions in the realm of targeted killings both by the CIA and the JSOC, whether they be carried out by drones or by so-called “kill/capture” raids. But he is able to cite various accounts documenting that a significant number of civilians are also killed in the course of targeting a suspected terrorist for killing.

Alston’s analysis blows out of the water the claims made by Obama Administration officials that targeted killings by the CIA and DOD are in compliance with international law and human rights norms. First of all, Administration officials provide no data whatsoever to back up those claims. Secondly, these operations appear to be conducted with little or no oversight, either from the internal oversight mechanisms that exist inside the Executive branch or from the U.S. Congress.

“We simply don’t know how many people have been killed in drone strikes and how many of those killed have been civilians,” Alston writes. And, “we have far more information to support claims that the numbers of civilian deaths have been significant and thus legally problematic, than we do to support any of the unsubstantiated claims put forward by CIA officials that such casualties have been minimal.”

Similarly with Special Forces night raids in Afghanistan and Pakistan, on which there is little information on civilian deaths and other details, though we

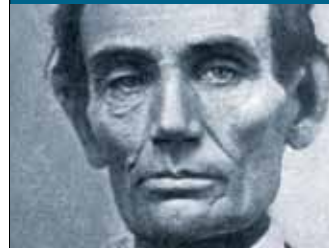
know from statements made by Special Operations officials that a dozen or more such raids occur every night.

Alston’s conclusion is damning: “Assertions by Obama Administration officials, as well as by many scholars, that these operations comply with international standards, are undermined by the total absence of any forms of credible transparency or verifiable accountability.... As a result, there is no meaningful domestic accountability for a burgeoning program of international killing. This in turn means that the United States cannot possibly satisfy its obligations under international law to ensure accountability for its use of lethal force, under [international human rights law] or [international humanitarian law.] The result is the steady undermining of the international rule of law, and the setting of legal precedents which will inevitably come back to haunt the United States before long, when invoked by other states with highly problematic agendas.”

Research contributed by Carl Osgood.

An LPAC-TV Video

Life, Liberty, And the Pursuit of Happiness



*In honor of
Abraham Lincoln
on the
150th anniversary
of the beginning of
the Civil War.*

Before the the American Declaration of Independence and the U.S. Constitution, there was the brilliant project of the 15th-Century genius Nicholas of Cusa to found a new world, away from the imperial oppression of the European oligarchy. The result was the founding of the American Republic and its long struggle against British Empire, through the victory in the Civil War under Lincoln, and today’s battle to defeat the Empire and its puppet President Obama.

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MERKEL WINS PYRRHIC VICTORY

Say 'No' to the Europe Of Banana Republics!

by Helga Zepp-LaRouche

Oct. 28—The “breakthrough” by German Chancellor Angela Merkel at the Oct. 25 European Union summit, proclaimed with great hoopla, was a Pyrrhic victory. It allegedly “saved” the euro by increasing investments in the European Financial Stability Facility (EFSF), while giving lenders a 50% “haircut” on the Greek debt and strengthening EU institutions.

In reality, the whole package is a disaster, which will throw the economy of the Eurozone into an unparalleled depression; transform Greece and Italy, as well as all other member states, into protectorates of an imperial dictatorship; and lead in short order to hyperinflation such as Germany experienced in 1923. If the collapse of the global financial system is not immediately countered by setting in place a two-tiered (Glass-Steagall-style) banking system and additional measures, this breakdown crisis, as is so often the case in history, threatens to lead to a huge war.

Over 90% of the members of the Bundestag once again voted for something whose details had not even been worked out, among them the litmus test of the whole package—namely, where the money for the expansion of the EFSF was supposed to come from. Therefore, EFSF head Klaus Regling immediately charged off to China “with his begging bowl,” as the Russian website *Russia Today* aptly commented. For its part, China, which has over \$3.2 trillion in currency reserves, has already made it clear that it has no intention of becoming the good Samaritan for

the collapsing Eurozone; but, if it does get more involved, China’s increasing influence will certainly require strengthened guarantees and political concessions.

The Greek Tragedy

The EU package is a catastrophe for Greece. The economy is shrinking under the draconian austerity measures, the population is desperate, the suicide rate is rising dramatically.

The famous Greek composer Mikis Theodorakis made several TV appearances, with an urgent appeal to the people of Europe for resistance. If the Greeks submit to the demands of their “European partners,” he said, this means the end of Greece as a nation and a people. “Our struggle is not only a struggle of Greece...” Do not believe that the money will go to help Greece; the bailout “will only help the foreign banks and the politicians and governments that are in their pay.... We are not asking you to support our struggle in solidarity because our country was the cradle of Plato and Aristotle, Pericles and Protagoras.... We ask you to do it in your own interest. If you allow the sacrifice of Greek, Irish, Portuguese, and Spanish society on the altar of debt and to the banks, you will soon be next.”

As for the 50% debt haircut, which a large proportion of affected European banks have still not agreed to “voluntarily,” its consequences are still quite un-



Creative Commons

German Chancellor Angela Merkel and Euro Group president Jean-Claude Juncker in 2006. Juncker: "We decide on something, put it out publicly, and wait awhile to see what happens. If there is no great uproar, no uprisings, since most people don't even grasp what was decided, then we proceed. Step by step, until there is no turning back." For a video clip of Juncker in April 2011 saying he has often "had to lie," see <http://euobserver.com/19/32222>.

clear—such as its impact on the insurance sector and the evaluations of the rating agencies. For the Greek banks, which have a considerable share of the Greek government bonds in their portfolios, it means that they must immediately be recapitalized with EU30 billion from the EFSF, and so the Greek debt will be immediately increased by this amount, to an unsustainable level.

Instead of real economic projects that would promote the economic recovery of Greece, the Troika (IMF, European Central Bank, and EU Commission) reached an agreement with Greek Environment Minister and former EU Commissioner for Economic Affairs Giorgos Papakonstantinou for investment of EU20 billion in the Helios Project, a giant solar power project, to be built on 200 square kilometers. The electricity will be produced exclusively for export to Germany. One can hardly imagine a clearer amalgam of an EU dictatorship, a new Reichskommissariat,¹ and Green Fascism.

But the relationship of Germany and Brussels is not only poisonous to Greece. First there was the notorious

Trichet-Draghi letter² to the Italian government, with its dictatorial catalog of cuts, leaked to the outraged public a few weeks ago. Now French President Nicolas Sarkozy's and Merkel's treatment of Italian Prime Minister Silvio Berlusconi at the Brussels summit has aroused massive resentment in Italy. The trade unions, which are normally split into left and right camps, have jointly called for a general strike, because the EU wants a dramatic degradation of the status of Italy's unemployed, which would brutally tear down the safety net that now exists for millions of people.

Step by Step Toward Dictatorship

One instrument toward a supranational dictatorship would be the creation of a European Finance Ministry, which would sweep away any remnants of national sovereignty over financial/economic affairs. This was also decided upon at the summit, without calling it that.

To the existing posts of the President of the EU Commission (José Barroso) and the European President (Herman Van Rompuy), an upgraded chairmanship of the Euro-Group is supposed to be added (to be known as the European Working Group, EWG). The names of Jean-Claude Trichet and Alexandre Lamfalussy are now being considered for the post of EWG president, who is supposed to function full-time in Brussels, and be the real boss.

This body appears to be the real European government, meeting regularly, preparing summit meetings, dealing with the results of the EU Commission's decisions, as demanded by the presidents of the ECB and the EFSF, and giving the European finance ministers

2. European Central Bank (ECB) head Jean-Claude Trichet and Bank of Italy governor Mario Draghi sent a secret letter to Italian Prime Minister Silvio Berlusconi in August, demanding even greater austerity, including bringing forward by a year its target for balancing the budget, "full liberalization of local public services," "a thorough review of the rules regulating the hiring and firing of employees," and greater "administrative efficiency." The letter was leaked to the press in September.

1. The civilian regime of Nazi Germany in occupied countries.—ed.

their orders on how their budgets have to turn out.

As Merkel had previously laid out in her speech to the Bundestag, we thus have a “stability union,” which “rigorously supervises” a “deeper economic integration,” and imposes “discipline” through debt brakes and balanced budgets, along with draconian punishments.

It is obvious that this de facto European government has no accountability to the citizens. Also, the implications of the creeping expansion of the powers of this supranational institution are in no way being made clear to the public, by the media or by the relevant parties and governments. This is the same *modus operandi*, behind the backs of the people, that was previously used to introduce the euro, and to conclude all the EU treaties, from Maastricht to Lisbon. That is how dictatorship creeps in and is consolidated, step by step, according to the motto of Jean-Claude Juncker,³ who, back in 1999, said in an interview to *Spiegel*: “We decide on something, put it out publicly, and wait awhile to see what happens. If there is no great uproar, no uprisings, since most people don’t even grasp what was decided, then we proceed. Step by step, until there is no turning back.”

We all know that the average Joe in Germany has pulled his nightcap down over his ears and eyes, and there has so far been no great uproar when, in recent years, democracy has been whittled away and sovereignty transferred to a monster that is nothing but a pro-consul for the interests of the banks and the increase of its own privileges. And now we have reached the point, as the late French President François Mitterrand’s advisor Jacques Attali admitted in times past, that the euro had been deliberately endowed with a birth defect: that under emergency conditions it would allow the creation of a European Federal State.

Inhuman and Incompetent

The policies of Merkel, Sarkozy, Barroso, Van Rompuy, Juncker, Trichet, Draghi & Co. are just as inhuman as they are incompetent. Even the house organ of the City of London, the *Financial Times*, commented on the results of the EU summit, that it is wrecking the European economies, and will lead to a depression such as Euroland has never experienced

before, of an historic dimension and with catastrophic consequences.

In fact, the attempt to install a European government to torment people with budget cuts, idiotic rules, and punishments, will not function. It is no vision for Europe, but a horror show. The only result of such a policy will be hyperinflation like that in 1923, a collapse of the real economy, and a social explosion.

The international financial oligarchy certainly intends to respond to this breakdown crisis of the globalization system by setting up a world dictatorship, global “governance,” in which financial interests, the politicians loyal to them, and private NGOs take the place of sovereign and representative systems of government. But a global dictatorship particularly requires that it be established in the United States as well, eliminating the last vestige of constitutional separation of powers there.

The systematic acquiescence of the American Congress to Executive Orders in the tradition of Nazi crown jurist Carl Schmitt; the amply documented affinity between President Obama and former Vice President Cheney in foreign policy, as well as in Obama’s numerous violations of the Constitution—whether by the deliberate murder of American citizens abroad, or by launching a war in Libya, not approved by Congress, that culminates in the murder of a foreign head of state and four members of his family—all this shows how alarmingly close the U.S. has already come to such a dictatorship. The great danger is that another feigned attack, a staged incident, could provide the pretext for military dictatorship in the United States.

There are plenty of examples in history that show how severe economic crises or systemic breakdowns lead to wars. Anyone who is not in total denial can recognize this today. And there is only one way that this danger can be blocked, namely by eliminating, once and for all, the dynamic that is leading to war: the systemic crisis of the global financial system.

The only way the crisis can be overcome is by the immediate implementation of a two-tier banking system, eliminating the entire high-risk speculative financial sector, and extending new credit lines for a comprehensive reconstruction program, such as expanding the World Land-Bridge and similar projects. Only international economic cooperation for the common aims of mankind can effectively avert the danger of war.

Translated from German.

3. Juncker is currently the prime minister of Luxembourg and the president of the Euro Group, which exercises political control over the euro currency.

It's Official: Greece Has Now Become a Euro-Protektorat

by Dean Andromidas

The European Union has created its first “Protektorat” modeled on the infamous Nazi *Protektorat* of Bohemia and Moravia erected by Hitler’s Germany in Czechoslovakia in 1938.

The “Munich Pact” of 2011 is called the new “Memorandum of Understanding.” It wasn’t signed in Munich this time, but Brussels, the capital of the first Euro-Reich. In return for a EU130 billion “bailout,” loans which will go directly to the banks, Greece will lose its last remnants of sovereignty.

This is stipulated in black and white in the “Euro Summit Statement” released Oct. 26, following the meeting of the 17 heads of governments that make up the Eurozone. The statement says that all this is being done at the request of the Greek government, a regime that the vast majority of Greeks know as nothing more than a puppet of the Troika—the European Commission, the European Central Bank, and the International Monetary Fund.

The statement demands: “The mechanisms for the monitoring of the implementation of the Greek program must be strengthened.” It further states the Troika “will establish for the duration of the program a monitoring capacity on the ground, including with the involvement of national experts, to work in close and continuous cooperation with the Greek government and the Troika to advise and offer assistance in order to ensure the timely and full implementation of the reforms. It will assist the Troika in assessing the conformity of measures which will be taken by the Greek government within the commitments of the program. This new role will be laid down in the Memorandum of Understanding.”

The much touted 50% “haircut” the banks will take on Greek debt, will theoretically bring Greece’s debt burden down from the current unsustainable 172% to the equally unsustainable 120% by 2020, which is the level which triggered the first bailout in May 2010.

Even under these conditions, Greece will only see more suffering through more cuts and “structural reforms,” including demands to cut the pay and pensions of the private-sector workforce. On top of this, the haircut will collapse the Greek banking system, which the Greek government will bail out with loans from the bailout package.

There is also a Green fascism aspect of the deal: The statement fully backs the so-called “Project Helios”—the Greek equivalent of the notorious DESERTEC solar park project slated for Africa, from which all the electricity is to be exported to Europe. The statement reads, “Greece commits future cash flows from project Helios or other privatization revenue in excess of those already included in the adjustment program to further reduce indebtedness of the Hellenic Republic by up to 15 billion euros with the aim of restoring the lending capacity of the European Financial Stability Facility.”

The Protectorate of Greece, Portugal, Ireland, Italy, and Spain

In March of 1939, five months after the Munich Pact was signed, the Nazis set up the *Protektorat* of Bohemia and Moravia, in what is now the Czech Republic. While they kept President Emil Hácha and his Administration in office, all their executive powers were turned over to hundreds of Nazi officials who took control of all government ministries, down to the provincial level. All officials took their orders from the *Reichsprotektor*, who held all executive power in the country. Needless to say, all trade unions and all popular resistance was suppressed, while the country was put under food rationing.

Under the *Protektorat* of Greece in 2011, officials will not be wearing black or brown uniforms, nor will they be armed with Luger pistols; instead they will wear business suits and carry briefcases full of direc-



Prime Minister's photostream

Greece's *Reichsprotektor* in-waiting is Horst Reichenbach, who heads a 30-person task force on Greece at EC headquarters in Brussels. Reichenbach (right, with Prime Minister Papandreou), will take his orders from the Troika.

tives from the Troika.

The intention to set up a *Protektorat* in Greece was already known a week before the summit, when unnamed EC officials revealed their intentions to Reuters, which quoted one of them as having said, "It's that or not getting the money," adding, "It is assistance imposed from outside. It's where outsiders take over some elements of the operation." The proposal would "involve deploying several hundred technical experts on the ground to administer Greece.... The scale of the intervention is unparalleled. It is a matter of authority. There will be a lot of resistance. The formal authority is not in their hands—Greeks must accept that."

Making it clear that the *Protektorat* was not intended *for* the Greeks, but *against* them, a source told Reuters, "You need someone who can speak Greek but who is not on the side of the Greeks," while another source said, "Their powers would be tied to the conditionality of the loan. It has to be presented carefully—call it technical assistance or something...."

There is even a *Reichsprotektor* in waiting, the EC bureaucrat Horst Reichenbach who already heads a 30-person task force on Greece in Brussels. Sources told Reuters that all that will be needed, will be to expand Reichenbach's task force by several hundred, relocate them "in country," and give them full executive powers.

Reichenbach will take his orders from the Troika.

The policy now being forced on Greece was reiterated by outgoing ECB president Jean-Claude Trichet, in a farewell speech in Frankfurt Oct. 19, as his "vision" for Euroland: The Brussels superstate "would exert direct responsibilities" in "rigorous surveillance" of fiscal policies, and be able to "take decisions immediately applicable in a particular economy," to be carried out with the same "democratic will" as now being seen in Greece. Trichet made similar remarks at an event in Berlin the following week, but was confronted by young Greek students with banners reading, "Troika out of Greece" and "No More Money for the Banks." He was even confronted on the question of Glass-Steagall.

Green Fascism

The direct reference to "Project Helios" in the Euro Summit statement confirms that Greece is intended to become a model for Green fascism, which the British Empire plans to impose on all of Europe: The same people who are implementing the infamous memorandum for the bailout, with all its brutal austerity and "structural reforms" are pushing a "green energy" policy.

Project Helios is the Greek equivalent of the infamous DESERTEC project, which envisions building huge photo-voltaic installations throughout North Africa to export electricity to Europe. The EU400 billion project would offer zero development for those countries in which they are built.

Project Helios is the brainchild of Greek Energy and Climate Change Minister Georgos Papakonstantinou, who wants to build up to 10 gigawatts of photo-voltaic generated capacity that will cover no less than 200 square kilometers of government-owned land. Not only does this amount to more than the entire installed electricity capacity of Greece, but all of it will be exported, and the proceeds go to pay off the debt, as is stipulated in the European Summit statement. Greeks, who, as a result of the austerity and structural reforms, will be given Africa-level wages, so that they can become "competitive."



Creative Commons/Ggia

Does “cooperation” between Greek security forces and the EC include attacks on peaceful Greek demonstrators, such as that which occurred June 29, and again, on Oct. 19 and 20? Here, riot police attack an elderly demonstrator in Athens, on June 29.

Until June, Papakonstantinou, as then-finance minister, signed the MoU for the first Greek bailout in May of 2010. He is one of the most despised politicians in Greece. Since he has been in office, he has more than doubled the installed capacity of photo-voltaic energy capacity from, 162 to 326 MW. Since this electricity costs more, and requires huge subsidies, it has created a deficit in the government-owned distribution company HTSO. Papakonstantinou says the deficit will decrease with an increase in consumer prices, and the revenues from the sale of carbon credits. All of this leads to higher consumer prices in the country that is already collapsing.

Project Helios is expected to cost EU20 billion. The question is, where will the financing come from? According to press reports, the German solar energy industry is willing to put up only 5% of the funding, and that is only if they find the terms acceptable. The funding will most likely come from the development funds Greece is entitled to under long-standing EU programs—EU18 billion, which has not yet been disbursed, because projects that are acceptable to the EU have not been presented. While these funds normally would go to infrastructure, such as railroads, highways, and bridges, they could be deployed into Project

Helios with the purpose of paying off the debt.

In fact, would-be *Reichs-protektor* Reichenbach was in Athens earlier this month, where he met Papakonstantinou and discussed the possibility of releasing these funds for solar projects.

Euro-Reich Police Repression

While not said openly, there is no doubt that the MoU includes a security dimension to deal with popular resistance by the Greek people to the crushing of their lives. Throughout October, Greek blogs have been filled with unconfirmed reports that the so-called European Gendarmerie Force has deployed to Greece to assist Greek

police operations against demonstrators. The EGF was created in 2003, under a treaty signed by six EU countries—France, Italy, Spain, Portugal, The Netherlands, and Romania—which have gendarmerie, or paramilitary police. The force is overseen by a committee of relevant ministers from the participating countries. It is not part of the EU structures so it has no oversight from the EC or the European Parliament.

According to its statutes, it is, above all, at the service of the EU, to be deployed in crisis-management situations, within or outside of Europe. If it receives a mandate from the EU, then it is directed by the European Council of Heads of Governments. Its most likely deployment would be in the context of the invoking of the Lisbon Treaty’s “Solidarity Clause” which is invoked in case of terror attack on a member-state, or in the event of a natural, or man-made disaster. But this clause is so ambiguous that it has been invoked to back the Greek bailout, and therefore override the no-bailout clause of the EU treaty.

The Greek government has denied that the EGF has entered Greece, which is most likely formally true, but it certainly does not mean security cooperation does not exist on the EU level. During the same visit to Athens in which he met with Energy and Cli-

mate Change Minister Papakonstantinou, Reichenbach met Citizen Protection Minister Christos Papoutsis. The Citizen Protection Ministry is responsible for the Greek police, security, and intelligence services. Papoutsis said that the aim of the meeting was to brief Reichenbach on the ministry's actions and common cooperation with the EC, to enable the actions to be promoted, supported, and strengthened at European level as well.

Does this "cooperation" include supervising attacks on peaceful Greek demonstrators such as that which occurred June 29, and on Oct. 19 and 20? Does it include an ongoing EC-directed population-control operation against the Greek people?

It should not go unnoticed that Papoutsis, like Reichenbach, spent part of his career at the EC, and therefore would be seen as the ideal partner for the European occupation force that now will be controlling all government decisions. Furthermore Papoutsis was European Commissioner for energy from 1995 to 1999, during which time, he drafted the EU's policy on green renewable energy. In fact, he has no experience in law enforcement. According to Greek sources, he replaced his predecessor, Michalis Chrysohoidis, who had been Public Safety Minister in two Pasok-led governments, because the latter would not deploy the security services against the general population; and unlike Papoutsis, he never served on the European Commission.

A Call To Fight

The Greek population continues to resist. One of Greece's most famous citizens, a music composer, and former government minister and member of parliament, the 86-year-old Mikis Theodorakis, in a statement on one of Greece's most popular political television programs, warned that if Greece submits to the demands of its so-called "European Partners," it will mean "our end as a nation and people." He accused the government of sitting like "ants" across the table from its so-called "partners," while the people see this government as "brutal and offensive." If this policy continues, he said, "we cannot survive. . . . The only solution is to stand up and fight."

Theodorakis, who had been imprisoned, and then exiled, under the British-backed Greek military junta of 1967 to 1974, in an open letter, which appeared throughout the Greek press, addressed the people of Europe saying, "Our struggle is not only a struggle of Greece"; do not believe that the money will go to help



Greek Prime Minister's Office

If Greece submits to the demands of its so-called "European Partners," it will mean "our end as a nation and people," warned the renowned composer and political activist Mikis Theodorakis.

Greece; the bailout "will only help the foreign banks and the politicians and government's that are in their pay. . . ."

He said there was "no other solution than replacing the current European economic model, which was designed to create debt. . . ." Citing Solon of Athens, who "canceled the debts of the poor against the rich," he called for a "drastic control of the financial markets."

"We are not asking you to support our struggle in solidarity because our country was the cradle of Plato and Aristotle, Pericles and Protagoras. . . . We ask you to do it in your own interest. If you allow the sacrifice of Greek, Irish, Portuguese, and Spanish society on the altar of debt and the banks, you will soon be next. You will not thrive on the ruins of European societies. . . . Time is running out but, we are awake. Let us together build a new Europe. . . . Resist the totalitarianism of the markets, which threaten to disrupt and to transform Europe into a third world, which incites the nations of Europe against each other and destroys our continent by promoting a return of Fascism."

Accessory to Murder? An Impeachable Offense

by William F. Wertz, Jr.

Oct. 31—Operation Fast and Furious (launched in March 2009 by President Obama, as part of Operation Gunrunner), under which over 2,000 assault weapons were allowed to cross the U.S. border into the hands primarily of the Mexican Sinaloa drug cartel, has demonstrably resulted in the murder of at least two U.S. law enforcement officials and countless Mexicans. Those two U.S. agents—Border Patrol agent Brian Terry, murdered on Dec. 14, 2010, and Immigration and Customs Enforcement (ICE) agent Jaime Zapata, murdered on Feb. 15, 2011—would be alive today were it not for the deliberate policy of the Obama Administration.

Over the last weeks, Sen. Charles Grassley (R-Iowa) and Rep. Darrell Issa (R-Calif.) have escalated their efforts to get to the bottom of the two murders, the circumstances of which have been deliberately covered up by the Department of Justice and the FBI in an effort to protect the Administration. The FBI is the lead investigator of both murders, even though the FBI is part of the task force that was involved in Fast and Furious.

The initiatives taken by Grassley and Issa have concluded a subpoena to Attorney General Eric Holder on Oct. 12, a letter to Holder on Oct. 25, and at least two letters to FBI Director Robert Mueller III, the most recent of which was sent on Oct. 21.

The Murder of Brian Terry

It had already been established in the case of the murder of Terry that two of the weapons involved in Fast and Furious were found at the scene of his murder, but the FBI has claimed that the ballistics evidence, which allegedly showed that one of the weapons was used in the murder, is inclusive. ATF (Alcohol, Tobacco and Firearms) agents told Terry's mother that there were three weapons; and ATF agent Hope MacCallister was secretly taped by the owner of the Lone

Wolf Trading Co. gun store admitting that there were three weapons, and that they have all three serial numbers. The FBI denies this and has refused to provide any further information.

In the Oct. 21 letter to Mueller, Grassley and Issa point out that the total number of guns recovered at the scene is not revealed in either the search warrant affidavit nor an unsealed indictment. "Based on limited information officially released about the circumstances, it appeared that the illegal immigrants who shot at Terry may have been armed with a total of five rifles. We know that two Fast and Furious rifles were part of a lot of three, all purchased at the same time over a year earlier. These circumstances naturally raise questions regarding the whereabouts of that third Fast and Furious gun, whether the other firearms were also connected to Fast and Furious, and the current location of all firearms involved."

The lawmakers further request information on why a ballistics test in the Terry shooting was inconclusive; whether there was any other evidence suggesting that additional Fast and Furious weapons were involved; whether the weapon in the shooting had specifically been identified; and whether there was any information that a third weapon killed the agent.

They ask the FBI to provide information on how many shots were fired during the encounter; when FBI and ATF agents arrived at the scene; how many suspects remain at large in the Terry case, and why.



Are President Obama and Attorney General Eric Holder involved in a coverup of possible Administration culpability in the murders of two U.S. law enforcement officials? So far, 17 Congressmen have called on Holder to resign.

The letter also states, that “according to press reports, three illegal immigrants were taken into custody ‘near the scene of the shootout’ but were later ‘cleared by federal authorities,’ released, and deported to Mexico. Please explain the circumstances of their arrest and why they were released.”

The obvious question is, were any of these individuals involved in the murder of Brian Terry? Were any of these individuals FBI informants? Were they in the possession of any weapons, possibly the murder weapon, which was the third Fast and Furious weapon? Were they cleared, released, and deported to Mexico to protect the operation?

There is at least one case in which an FBI informant is known to have helped smuggle firearms from the Fast and Furious gunwalking operation to drug cartels in Mexico. The informant obtained weapons from Manuel Celis-Acosta, considered to be the “biggest fish” of 20 individuals indicted in the case. At the same time, the informant was receiving large amounts of official law enforcement funds as payment for his services. The informant was working with U.S. law enforcement over a two-year period beginning in early 2009. Documents show that the DEA was aware of Celis-Acosta’s alleged drug-trafficking activity as early as late 2009, and that he was providing hundreds of firearms to members of Mexican drug cartels.

The FBI and DEA also knew that the informant, identified as “C1#1,” was ordering weapons from Celis-Acosta and smuggling them into Mexico. That informant, apparently the financier for Celia-Acosta’s firearms trafficking ring, later began cooperating with the FBI, and may have received additional government payments as a confidential informant. In one payment, the investigators learned, the U.S. government gave the informant \$3,500 for his services.

In the subpoena issued to Holder, there are at least two items which bear directly on this investigation: In item 18, the subpoena requests: “All documents and communications in the possession, custody or control of the DEA referring or relating to Manuel Fabian Celis-Acosta.” In item 19, the subpoena requests: “All documents and communications between and among FBI employees in Arizona and the FBI Laboratory, including but not limited to employees in the Firearms/Toolmark Unit, referring or relating to the firearms recovered during the course of the investigation of Brian Terry’s death.”

The Murder of Jaime Zapata

On Oct. 24, Sen. John Cornyn (R-Tex.), who is a member of the Senate Judiciary Committee, asked Grassley and Issa to expand their investigation of Fast and Furious to include accusations that similar gun-walking operations also took place in Texas, not just in Arizona, after Attorney General Holder failed to respond to his request in August that he address the “scope and details of any past or present ATF gun-walking programs” in Texas.

On Oct. 25, Issa and Grassley sent a letter to Holder with respect to the death of ICE agent Zapata, who was killed by the Los Zetas drug cartel in Mexico on Feb. 15. One of the three firearms used in the shooting was traced to Otilio Osorio, who had purchased the firearm on Oct. 10, 2010 in the Dallas/Fort Worth area.

In the letter, they point out that, according to ATF documents, the agency had reason to believe as early as Sept. 17, 2010 that Otilio’s brother, Ranferi Osorio, and the brothers’ next-door neighbor, Kelvin Morrison, were straw purchasers, but made no effort to contact them. Moreover, on Nov. 9, 2010, the ATF witnessed the Osorio brothers and Morrison unload “several large bags containing firearms” into an ATF confidential informant’s vehicle. All 40 firearms had obliterated serial numbers, which itself is illegal, but no arrest was made.

No “Report of Investigation” was even created on this incident by the ATF until three months later, on Feb. 25, 2011, the same day the ATF received the report tracing the Zapata murder weapon back to the purchase by Otilio Osorio. In other words, the Otilio brothers and Morrison were allowed to continue their activities after the Nov. 9 incident until their arrest on Feb. 28, 2011.

In a previous March 28 letter to ATF acting director Kenneth Melson, Grassley had reported that ATF agents actually observed a cache of weapons being loaded into Morrison’s vehicle on July 29, 2010, but did not maintain surveillance on that vehicle. The very next day, Morrison purchased a firearm that was discovered on Aug. 7, 2010. It was seized, along with 22 other AK-style firearms, in the very suspect vehicle that ATF agents had witnessed being loaded with weapons on July 29. When the vehicle was stopped on Aug. 7, the weapon purchased by Morrison on July 30 was recovered, along with two weapons purchased by Ranferi Osorio.

In a March 4 letter to Melson, Grassley asked: “Although the gun used in the assault on Agent Zapata that has been traced back to the US was purchased on Oct.



<http://issa.house.gov/#>

Rep. Darrell Issa (left) and Sen. Charles Grassley (right) are investigating the murders of agents Brian Terry and Jaime Zapata, in connection with the Obama Administration's sting operation, Fast & Furious, which put assault weapons into the hands of a Mexican drug cartel.

10, 2010, how can we know that it did not make its way down to Mexico after the November investigation when the arrest of these three criminals might have prevented the gun from being trafficked and later used to murder Agent Zapata?"

On Oct. 25, 2011, Otilio Osorio pleaded guilty to 3 counts of a 21-count Federal indictment against him and seven others. Issa and Grassley have given Holder until Nov. 8 to answer questions and produce documents on the Texas gun operation which led to the death of Zapata.

In addition, the subpoena issued to Holder on Oct. 12 requests in item 6: "All documents and communications referring or relating to the murder of Immigration and Customs Enforcement Agent Jaime Zapata, including but not limited to documents and communications regarding Zapata's mission when he was murdered, Form for Reporting Information That May Become Testimony (FD-302), photographs of the crime

scene, and investigative reports prepared by the FBI."

The Attempted Coverup

On Oct. 18, Barack Obama, sounding very much like George W. Bush in response to the "outing" of CIA agent Valerie Plame, told ABC in an interview that "the people who have screwed up [in Fast and Furious] will be held accountable." Obama, Holder, and Homeland Security Secretary Janet Napolitano have all deferred to the investigation being conducted by the Justice Department's Acting Inspector General Cynthia Schnedar.

However, all the evidence thus far points to IG Schnedar as a participant in an attempted coverup.

First, Schnedar has long-standing, close ties to Holder. In 1994, Schnedar served as Assistant U.S. Attorney in Washington, D.C., when Holder was U.S. Attorney. Holder was Schnedar's boss from 1994-97. Schnedar and Holder worked together on at least 14 cases, and filed joint legal briefs in four of those cases.

Second, on March 8, 2011, Senator Grassley sent a letter to Kevin L. Perkins, chair of the Integrity Committee of the Council of Inspectors General on Integrity and Efficiency, in which he called upon Schnedar to recuse herself, giving three reasons that the "public may be unable to trust that the DOJ-OIG is completely disinterested and independent."

1. She is the Acting Inspector General and thus, the office "is without a Presidentially-appointed and Senate-confirmed leader. In my experience, acting inspectors general tend to function as caretakers of the office. They are not necessarily equipped to take on an entrenched bureaucracy and challenge senior officials.... That would be especially true if the acting inspector general is seeking the nomination to fill the position on a long-term basis."

2. "The DOJ-OIG was aware of the allegations long before the Attorney General's request and did nothing. Agent Dodson had already contacted the DOJ-OIG in December [2010], just after Agent Terry's death. He received no reply. After contacting my office, Agent

Dodson contacted DOJ-OIG again, and still received no reply. No one from the office contacted him to gather information about his allegations until after my staff contacted the Acting Inspector General directly on February 1, 2011.”

3. “I understand that ATF officials have cited a DOJ-OIG report critical of Project Gunrunner as one of the factors that prompted the shift to a riskier strategy of letting guns be trafficked rather than arresting straw buyers. DOJ-OIG may be sensitive to the appearance that its previous criticism created the conditions under which ATF and DOJ felt pressure to take risks in order to make a ‘big case’ against the cartels. Again, that could create an incentive to minimize the significance of the allegations.”

Grassley concluded: “Therefore, I request that the Acting Inspector General recuse her office and that a disinterested inspector general’s office be selected to conduct the review.”

On Sept. 21, 2011, Issa and Grassley further charged that Schnedar undermined and obstructed their Congressional investigation by releasing the secret tape recordings mentioned above, which corroborate allegations of misconduct in Operation Fast and Furious, to those being investigated by both the Inspector General and the Congressmen.

According to the Congressmen, Schnedar failed to even listen to the recordings before handing them over to the actual targets of the investigation. The letter to Schnedar reads as follows:

“Each of these disclosures undermines our ability to assess the candor of witnesses in our investigation and thus obstructs it. Moreover, your decision to immediately disclose the recordings to those you are investigating creates at least the appearance, if not more, that your inquiry is not sufficiently objective and independent. It appears that you did not consider the significant harm that providing these recordings to the very individuals under investigation could cause to either our inquiry or your own. You did not consult with us about the recordings even though the congressional inquiry and reactions to it are discussed at length.”

Impeachable Offenses

While Obama and his controllers are currently counting on a coverup, thus far, at least some in the Congress have not been accommodating. Attorney General Holder is now scheduled to testify before the House Judiciary Committee on Dec. 8. As of today, 17

U.S. Congressmen have called upon Holder to resign.

On Oct. 31, it was also announced that on Nov. 8, Holder will testify before the Senate Judiciary Committee, chaired by Patrick Leahy (D-Vt.), who has refused to investigate Fast and Furious. However, Grassley, the Ranking Member of the committee, said that it is fair to assume that he will press Holder on the issue during the hearing.

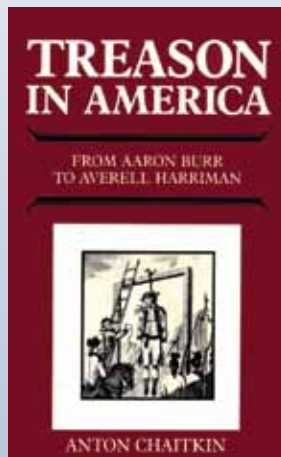
At the same time that the investigation of Fast and Furious is escalating, according to a statement issued on Oct. 28 by Reps. Fred Upton (R-Mich.) and Cliff Stearns (R-Fla.), the House Energy and Commerce Investigations Subcommittee will vote Nov. 3 on issuing subpoenas for internal White House communications, including Obama’s BlackBerry, regarding Solyndra, the solar energy firm promoted by the Administration, as a model for clean energy, that recently declared bankruptcy.

As in the case of the resignation of Attorney General John Mitchell, whose departure led ineluctably to the resignation, under threat of impeachment, of Richard Nixon, if Holder is forced to leave, can Obama be far behind?

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GLASS-STEAGALL & BEYOND:

Our Credit System

by Lyndon H. LaRouche, Jr.

October 20, 2011

*On mid-day, Wednesday, October 19th, during a full hour's span of the broadcast LPAC **Weekly Report**, my associates had joined in presenting the essential preconditions which were required to rescue both the U.S. republic, and also mankind more widely. We worked in the effort to rescue society from what has now become a virtually immediate threat of a massive wave of, virtually paleolithic "extinctions" against the presently crumbling, trans-Atlantic cultures of mankind. The report reported here presents certain among the most essential features of a wave of threatened Hitler-like "extinctions" now authored by such as U.S. President Barack Obama and his British royal accomplices, but it also points toward some urgently needed, hopeful remedies required to bring such bestiality as theirs to an end.*

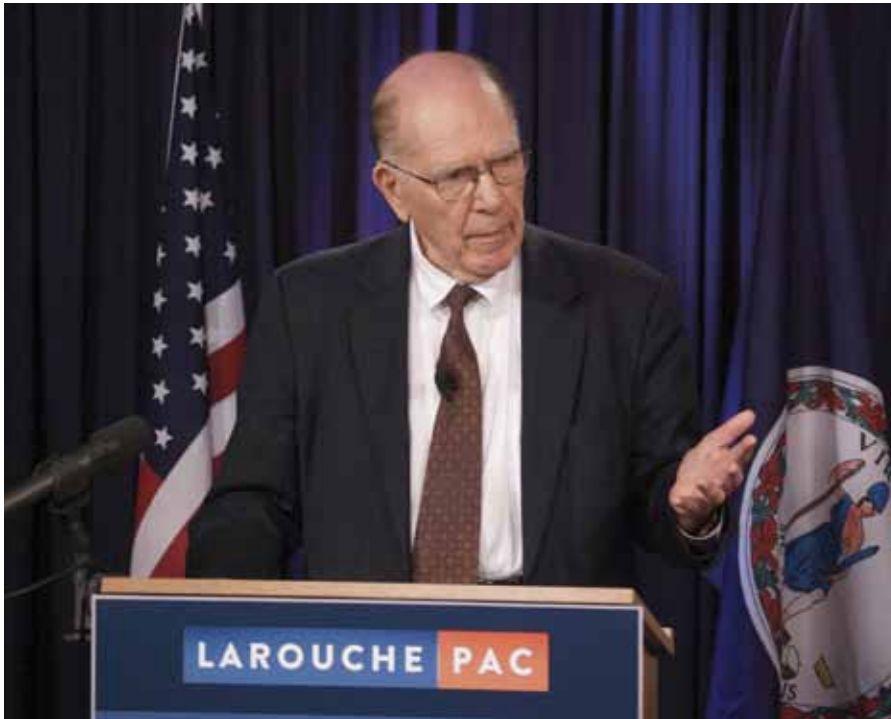
As I shall identify that universal principle of science in this report, the human species has been distinguished from other species by what I have defined as "*an expression of physical science to be known as the principle of credit.*" That notion is the most crucial, and also most hopeful option, but, therefore, also, for some persons, the most rejected of those conceptions on which the continued existence of the human species now depends for guidance. The unfortunate fact about that

principle, is that the crucial elements of the practice of that particular knowledge had remained, largely, as being limited, heretofore, largely to my own knowledge of relevant types of physical-economic functions. This has been knowledge gathered, so far, during recent decades. Now, most recently, since my September 30th national broadcast, that knowledge has now begun to be spread somewhat more widely.

On the evening of September 30th, first, and then, in greater detail in the October 19th LaRouche-PAC "Weekly Report," the proverbial "ice" has finally broken publicly.

Among most people until now, much of this important knowledge had remained widely neglected. It had been knowledge which seemed to have been a kind of knowledge more or less easily avoided by most, even among those stubbornly careless persons who had been given adequate access to that knowledge, but had declined to master it. The result had been, that what had been put in jeopardy in that way, until now, had been *the same, actually indispensable universal physical principle*, the so-called "credit principle," which I identified, summarily, by the presentation of the set of a brief series of questions and answers delivered during my live national broadcast of September 30, 2011.

Since that September 30th broadcast, certain leading economists, and others of similar disposition, had



EIRNS/Stuart Lewis

In his Sept. 30 webcast, "An Emergency Presidential Address," Lyndon LaRouche "broke the ice" publicly, on the physical science known as the "principle of credit." He is shown here on that occasion.

reacted to that broadcast by announcing their recognition of this point of knowledge, after hearing the dialogue with which that report had concluded.

So, presently, a notable amount of relevant detail on this same subject, is now being included on the record, this time in the extended remarks on this same subject both by me and by some among my associates, as in the instance of the continuation of that national broadcast's theme now expressed in the already mentioned audiovisual "Weekly Report" of this past Wednesday, October 19th.

On the one side of the experience of societies, it can be argued that that specifically human potential for a rigorously scientific definition of creativity, should already have become commonly accessible to relevant scientists. This is something which should have been known scientifically in such circles by virtue of consideration given to the uniqueness of an intelligent mankind's inherent nature. Despite such helpful developments as that would represent, the negligent error from the past still persists today among the large majority of relevant categories of professionals.

That needed correction should have been made by means of both the actually creative nature of the quality

of the voluntary exercise of that discovery, and by the application of those universal principles of specifically human knowledge and action which are absent, categorically, among all other known varieties of living species. However, it often remains the case, that societies, and most of the individuals of which they are composed, still lack effective knowledge of that very principle which defines the domain of their naturally given creative potential.

So, even among many scientists, it may be often their inclination even to defy this evidence; they have often been even induced either to fear such branches of knowledge, or they simply evade such academically "troublesome" knowledge, because it is "not recognized as having been popular among the relatively ignorant."

Often, such negligence has been spread under the influence of the dupes of Bertrand Russell's swindles who had been taken in—"in droves!"—by the radically reductionist swindles of the late 1920s Solvay conference. Or, for kindred reasons, some might even hate that capacity for actually creative willfulness on which the expression of human creativity depends, on which the presently continued survival of the cultures of the human species may have depended.

The subject which I have now introduced in this present location, and in this fashion, requires further, and broader clarification bearing on the essential, most principled features of the ancient through modern history of European civilization. I emphasize the fact, that the subject which we consider here, is not a mere matter of opinion. This is the subject of a rigorously scientific matter. It is no "mere matter of science;" it is also a matter on which the continued existence of a human civilization presently depends. It requires a rigorous study of the impact of that civilization's emergence and its effects on a much wider region and the deep future of our planet.

Therefore, those preliminary remarks uttered, I now proceed as follows:

I. The Americans vs. the Brutish Tyrants

The subject on which any and all competent consideration of national or global physical economy among nations absolutely depends at this time, is the notion of *a science of physical economy*.¹ That notion is an expression of the human power for deep insight which that science's root-expression combines with the characteristic features of the persistence and progress on which the human species depends otherwise. At the present instance, civilization finds itself trapped, that more or less desperately, at the brink of the global effects of a presently onrushing, general physical-economic breakdown-crisis of a virtually world-wide, British-imperialism-dominated system of oligarchical degeneracy, especially among the trans-Atlantic regions. Under present trans-Atlantic policy-shaping trends, we are between two days and a pair of weeks distant from a presently threatened, hyperinflationary breakdown-crisis in the trans-Atlantic financial systems: a hopeless breakdown now facing trans-Atlantic humanity at this present moment. Only a sudden and very radical shift to a strict Glass-Steagall policy could prevent such a general collapse of the trans-Atlantic region at this time.

Without at least a relatively primitive range of understanding of this matter so far, there could be no competent appreciation of the nature of, and the remedies for the deadly peril on which the rescue of the trans-Atlantic region (in particular) now depends.

In bringing that aforesaid, specific issue to bear respecting the principled features of the present trans-Atlantic plunge into a virtually terminal general breakdown-crisis of the entirety of British imperialism-dominated trans-Atlantic civilization, we, who possess the active intelligence required to understand the present world's economic-breakdown-crisis currently in progress, must proceed from *the foundations of a notion of the specific implications of a principle of creativity which I had introduced in Chapter I of my "Three Steps to Recovery."*

That notion is expressed as a principle to be conceived as being inherent in the distinction of a human



EIRNS/Sylvia Rosas

Only a sudden and very radical shift to a strict Glass-Steagall policy could prevent a general collapse of the trans-Atlantic region at this time. Here, a LaRouchePAC organizer gathers signatures in support of Glass-Steagall, in San Diego, Calif.

principle of civilization, a principle unique to mankind among all other known species. It is to be fairly described as a principle which stands in opposition to the cultural characteristics of behavior of those actual human beings who are driven, like virtually human "cattle," into what is virtually a form of virtual captives cast in the roles of virtually dumb, British, or similar sorts of talking beasts.

This is a subject of those specific kinds of consciously creative powers of the human mind, the which are typified by the principles associated with the work of such pioneers in modern European civilization as the great modern scientist Nicholas of Cusa and his followers, including such avowed followers of Cusa as both Leonardo da Vinci and Johannes Kepler. That latter pair from among the great minds of those times, typify great minds who have been widely defamed by the proponents of all those hateful varieties of oligarchical doctrines, such as those of the late Bertrand Russell, or, earlier, the notorious charlatan Adam Smith, whose

1. Lyndon LaRouche, *Three Steps to Recovery?*, *EIR*, vol. 38, no. 40, October 14, 2011. Or, Lyndon LaRouche PAC (<http://www.larouchepac.com/node/19759>).

offal-like intellectual product is mistakenly treated, even officially, for “science.”

Thus, even scientific giants among the followers of Brunelleschi and Cusa, such as Leonardo da Vinci and Kepler, typify those forms of Classical expressions of culture, which have been hated by such as the late Bertrand Russell of “Cambridge systems analysis” notoriety. The modernist tradition of Russell, is that which has been spread by such dupes of Russell as the devotees of the International Institute for Applied Systems Analysis, “IIASA,” and their likenesses, such as John v. Neumann and Norbert Wiener.²

Some useful indications bearing on the lack of actual creativity (rather than mere innovations) within parts or entirety of some human cultures, or stratifications of “sub-cultures,” are of the nature of errors located among actually well-known strata of ostensibly literate human cultures, including those from ancient through contemporary affairs. Those errors are to be located, chiefly, in instances of what are to be recognized as *oligarchical cultures*. Such is the legacy of ancient cultures of a series associated with that same *oligarchical principle* which is to be associated within a series of leading empires, beginning with such origins as that of ancient imperial Rome, as these expressions of perversity which have been continued through those decadent forms of neo-Roman imperialism met in the lurid instance of the Emperor Nero, or, among modern circles, the present-day British empire of Queen Elizabeth II today.

The specifically Roman imperial forms of degenerate cultures, such that of the British monarchy of today, or those cultures of the same elemental traits, represent a specific type of oligarchical decadence which is notable as being from among what are known to have been, or to be literate cultures. In the history of Mediterranean cultures, the notable types of oligarchical deca-



The Roman imperial forms of degenerate cultures, such that of the British monarchy of today, represent a type of oligarchical decadence, historically found in such empires as the Babylonian, Persian, Byzantine, and Venetian. Shown: From the five-painting series on “The Course of Empire,” by Thomas Cole, the final stage: “Desolation” (1836).

dence are found in exemplary cases such as ruling systems such as those of the Babylonian heritage, of the Persian (Achaemenid) Empire, of the series of the Roman, Byzantine, and “Venetian-crusader” systems of imperialism, and of the modern British imperialism established through the agency of the New Venetian Empire of Paolo Sarpi and, later, Sarpi’s follower, William of Orange.

The latter, the New Venetian empire of Sarpi follower William of Orange, is one typically represented by that original neo-Romantic maritime imperialism which was set into motion by such followers of Paolo Sarpi as William of Orange. Such is the origin of a modern British imperialism which was established as a British empire-in-fact, with the 1763 Peace of Paris; this was the same treaty which set into motion the beginnings, in 1763, of the rise of the British (or, better said, “brutish”) imperial conquest of India.

To understand the strategic characteristics of the modern British empire’s post-1763 origins in that “Seven Years War” which had concluded with that Peace of Paris, we must turn close attention to both the deeper and the more immediate roots of that continuing moral conflict between, on the one side, the British empire dated since that “Seven Years War,” a war which is to be sharply contrasted, on the other, with the system of government and culture represented by the American Revolution’s struggle against a shamelessly mass-mur-

2. The form of overt British styles of evil expressed by Wiener, is to be found luridly displayed in Wiener’s **The Human Use of Human Beings**.

derously Romantic, British imperial tyranny which has been continued to the present day of the reign of Queen Elizabeth II.³

That division requires us to emphasize the fact, that whereas, European nations and peoples have often revolted against the New-Venetian tyranny of the followers of Paolo Sarpi and his follower William of Orange, those same European nations have often submitted to that same British tyranny, and that, often, most importunately. Such is the case of that insanely mass-murderous British puppet, U.S. President Barack Obama.

Therefore, to understand the world system centered in the imperialism of the British empire of today, we require insight into a far deeper realm than were usually considered the root of this history of the trans-Atlantic conflict situated, principally in the domain of the North Atlantic.

That is the conflict which has been the source of the strife between the (predominately) patriotic current of the American revolution against the British imperialism of the followers of systemic irrationalism of a Paolo Sarpi. That British irrationalism persists, still today, through the followers of that rabid irrationalist, Adam Smith, who explicitly denied the existence of any semblance of rational beliefs among his duped believers. He and his dupes have continued their foolishness up to the present day of the lunatic, conventional practice of statistical forecasting methods. It is the persisting credulity of those dupes which has done much to make possible the ruinous continued existence of a British empire into the present modern times.

To define the category within which the European



The development of the American economy was based on the systems of integrated rivers and canals under Charlemagne, which provided the model for the development of the territory of North America under the same methods. This portrait of Charlemagne is by Albrecht Dürer (c. 1512).

maritime-based civilization and its internal, now trans-Atlantic strife, are to be principally located, we must focus attention on the implications of the flight of the descendants of Europe into North America since the time of the exoduses of such as the Seventeenth-century Mayflower compact and that system of credit introduced to the Massachusetts Bay Colony of the Winthrops and Mathers, which has laid the foundations for the central principle of the founding of the U.S. Federal Constitution.

Such are the essentials of an introduction to those underlying principles of a modern practice of physical science on which any competent expression of economic science depends.

II. The Credit Principle

Excepting the remarkable reforms of Charlemagne made in his time, there is no significant medieval indication of an effective insight into the principles of a practiced ancient or medieval economic science, other than that of the explicitly stated, leading features of Charlemagne's leadership on this account during those past times.⁴ The nearest ap-

proach to a competently defined, modern form of political science, is located in the implications of the work of the Renaissance's Nicholas of Cusa;⁵ the first blush of a competent form of a modern era's economic science, is to be located in the period of the great credit-system reforms of the independent Massachusetts Bay Colony under the leaderships of the Winthrops and the Mathers.

The physical-economic development of the productive powers of labor in what was developed to

3. The stipulated goal under current British royal family circles' policies, has been recently set at a hastened reduction of the human population to the order of one billion souls—a far, far greater slaughter than that of Adolf Hitler's regime.

4. It were proper to qualify that by stating that this holds generally for times subsequent to the life of Plato, and, also, implicitly, Eratosthenes.

5. E.g., *De Docta Ignorantia*.

become the original United States, is to be located in the heyday of the Massachusetts Bay Colony, that under the Seventeenth-century reign of the interval under a sovereign form of that colony. Notably, the system of the development of the American economy before and during the founding and development of the United States, had been based on such crucially significant means as that of the development of systems of integrated rivers and canals under Charlemagne; that development under Charlemagne, was the model for the development of the territory of North America under the same methods of rivers, canals, and a transcontinental American economy (e.g., transcontinental rail) copied from the precedents of Charlemagne's reign in the territories typified by the commonality roughly represented by the territory of France and Germany presently.⁶

In the competent notion of a science of economy, the active agent is not money, nor the exchange of money as such. It is to be located in the increase of the physical-economic growth of the "energy-flux density," per-capita and per-square-kilometer's measure of the increase of the physically productive expressions of the creative powers of human labor.

That much said along those lines this far, we are situated in the implacable conflict between the principle of the republic and that of the empires. Speaking in physical, rather than mere political terminologies, the most competent choice of a technical name for "imperialism," is that "oligarchical principle" based on the rule of society by the notion of "money as such," as expressed by the essential principle of action typified by the infamous Olympian motives of the exemplary Peloponnesian wars.

6. Indeed, the division of the territory of France from Germany, which occurred, originally, following the death of Charlemagne, became the means for organizing those conflicts within the territory of Europe through which the rebirths of the old Roman Empire were established in medieval and modern Europe up to the present day. In his later years, France's Fifth Republic President Charles de Gaulle expressed his acquired insight into the importance of establishing an anti-British-imperialist Europe from the Atlantic to the Urals, as my wife, Helga, and I, conspired with others in such an attempt during the period following the "Fall of the Wall." The development of technology has already created the preconditions, today, under which wars among nations are an enterprise in criminalizing insanity, as we have seen in the cases of the policies of the series of Anglo-American and related, medieval-like warfare since the assassinations of U.S. President John F. Kennedy and his brother Robert. The great strategic struggles of mankind are to found within, and beyond the borders of our Solar System and that galaxy which contains the origins of our weather systems.

That much said, now go directly to the heart of the matter: *The Credit Principle* as I presented the essence of that matter, briefly in the question-and-answer epilogue to my September 30, 2011, LPAC National television broadcast.⁷

The Principle of Human Progress

The evidence of the functional difference of man from beast, is to be recognized in the evidence of the effects of science-driven, willful human physical-economic progress. That, in turn, depends upon the condition that this represents a net progress in mankind's power to exist at rates which outrun forms of depletion inherent in the function of attributable physical time.

This power, which is unique to the human species, is expressed in the most typical fashion as the increase of the power of the human individual and in his environment as measured fairly in both *relative capital-intensity of modes of production*, and in the relationship of the development of "basic economic infrastructure" to *relatively higher intensities of energy-flux density* as expressed *per capita*, by the *relative rates of increase of the human population*, by the *relative longevity of the population*, and by the *effectively applied relative productivity per capita*.

That set of points is illustrated most conveniently in the following modality.

The power of the human species to exist, depends on effects which are illustrated by the increase of *energy-flux density per capita and per square kilometer*. Those advances in the condition of the human individual, are fairly described in estimates, as being dependent upon the increase of the productive physical powers of labor, and upon related functions, per capita and per square kilometer. In other words, the continued existence of the human species depends upon an effective increase of the applied energy-flux density of power above and beyond the factor attributable to "the friction" of entropic tendencies.

The significance of that requirement, lies in the role of the quality of science-driven progress attributable to the development of the creative powers of the human mind, as this is fairly illustrated by the case of *the increase of effective energy-flux density achieved through the quality of the fundamental physical advances in that*

7. For background, turn to the thesis of my cited *Three Steps to Recovery*, Chapter I. "The Human Principle."

energy-flux density, as this process is typified by leaps upward in *scientific creativity per capita and per square kilometer of territory*.

On that account, we must take into account what is fairly identified as the principle of evil which is attributable to that mythical Olympian Zeus who is otherwise identified as the expression of the evil, oligarchical principles of “zero growth,” “low technology”, and “population-size control.” Think of the mythical Olympian Zeus, and of the actual British empire of today, as each is equivalent to being a virtual “Satan.”⁸

It must be emphasized here, that the oligarchical principle, on which the secular dogmas of the British monarchy’s population-control doctrines are premised, is precisely such a pro-Satanic, Nietzsche-like oligarchical notion, a notion which is premised, today, as by the British oligarchical doctrine of the Adolf Hitler-like, mass-murderous population-reduction dogma of Britain’s Schellnhuber, and, similarly, President Barack Obama’s own evil doctrine.⁹

8. Compare this with the denunciation of Aristotle by the Philo of Alexandria who was the friend of the Christian Saint Peter. Aristotle is described by Philo, implicitly, as the Satanic image of the modern Friedrich Nietzsche, and as the mother of the cults of both Euclid and Zeus. Aristotle’s god was, like Nietzsche’s, the prophet of the satanic religious belief of “God is dead.” Euclid, for example, like Aristotle, proclaimed the “God is dead” doctrine, in effect. He argued, thus, that once the Creator had generated a universe, that the universe would be described as completed, and therefore incapable of any further creating. It was such a pro-Satanic doctrine, which has been derived from the oligarchical dogma of the Olympian Zeus, *et al.*, which had persisted in such expressions as the *apriorism* fraud of Euclidean geometry. A story within the story of **The Brothers Karamazov**, suggests a similarly pro-Satanic argument.

9. It is notable, that Bertrand Russell, writing in 1951, was a leading proponent of the genocide currently demanded by the British monarchy’s asset Hans Joachim Schellnhuber, who has been a rabid proponent of the British royal circles’ proposal to reduce the Earth’s human population most suddenly and most radically, to no more than one billion wretched folk. Russell wrote: “... War, so far, has had no very great effect on this increase [of population], which continued through each of the world wars ... but, perhaps bacteriological war may prove more effective. If a Black Death could spread throughout the world once in every generation, survivors could procreate freely without making the world too full ... The state of affairs might be somewhat unpleasant, but what of it? Really high-minded people are indifferent to happiness, especially other peoples’ ...” [Excerpted from a book planned and commissioned by me: Carol White, **The New Dark Ages Conspiracy**, 1980]. That Bertrand Russell dogma, is the dogma of the so-called “environmentalist movement” supported by the British royal family’s household circles of the World Wildlife Fund still today.

III. Science & the Credit System

All actually competent varieties of economic forecasts, on which I enjoy a relative monopoly so far in these times, have been consistently proven by me to have been (scientifically and systemically) competent. “Scientifically and systemically,” as used, thus, as terms used by me here, are not mere descriptions, no mere hyperbole; they are absolutely physical-scientific terms employed by me to indicate “a matter of universal, physical-scientific principle.”

I explain, as follows. The point I have just stated may be approached for explanations in a variety of choices of sequences of description; however, whatever the ordering of the terms of the argument, the outcome is approximately the same in effect, one, perhaps, preferred over the other, as a matter of intellectual taste. The outcome of any of those approaches is the initiate’s encounter with a universal physical principle which most actually mentionable professionals in the domain of economic studies had never imagined before. However, happily, it has been recently demonstrated, that actually leading economists, as measured in performances, are often capable of discovering that principle, even almost immediately.¹⁰

It is perfectible admissible to identify the most typical failures of even most leading performers among economists, until most recently, as representing “a presently timely blunder of ‘belief in the follies of Laplace-ianism’.” The same point may be identified as being a principle of human life which is not presently known to occur in any other known living species than mankind. In short, “it is time for mankind to grow up,” would-be so-called “economists” most particularly.

The crucial evidence which defines the scientific, rather than the, unfortunately, presently still popular, mistaken “meaning” of “time,” is located essentially in the practiced discovery of universal physical principles which mark the “clock-work like” transition of principles of human behavior associated with the generation-

10. Lyndon H. LaRouche, Jr., “LaRouche Emergency Address: Trans-Pacific Alliance Can Re-Launch Bankrupt Economy,” *EIR*, October 7, 2011; [transcript of LaRouche LPAC-TV National Address delivered Sept. 30, 2011 (http://www.larouchepub.com/eiw/public/2011/2011_30-39/2011-39/pdf/04-13_3839.pdf), or see Lyndon LaRouche PAC (<http://www.larouchepac.com/node/19691>) Also, *LPAC Weekly Report*, Oct. 19, 2011 (<http://www.larouchepac.com/node/19900>).

to-generation succession of mankind's progress through fresh discoveries of universal physical principles. I mean, especially, that succession in scientific progress which began, predominantly, with the series of crucial modern discoveries in physical science which began with, and explicitly followed the precedents supplied in modern science since the pioneering work of the Renaissance which is signalled by the discoveries of Filippo Brunelleschi and Nicholas of Cusa. It has been the latter's achievements whose uniquely original discoveries included the great wave of modern transcontinental navigations.

The Evil Traitors to Mankind

There is a certain leading source of complexities in that picture of history. To wit: the history of mankind and its cultures has been often held back, even nearly destroyed by the evil of the oligarchical systems, as in the case of the opposition to Plato (e.g., the legend of Prometheus), an opposition expressed by the evil influence of such as the figure of the Olympian Zeus and the evil of Aristotle's sundry varieties of deadly poisons. It is the intellectually and morally retarded behaviors of the nations and populations corrupted by the oligarchical cultures and their trends, which has embodied the force of those human evils, such as that of the current Queen of England and her lackeys, such as Barack Obama, which have underlain the influence of the oligarchical cultures such as those from ancient Rome through the present-day empires.

It will be most helpful, at this stage of our present report, to provide a convenient summary of the natural precedent for the rise and fall of attempted advances in the conditions of life of (either living or once) living species, that in order that we might refute that lying farce called the Nineteenth Century introduction of that blatant fraud known as "The Second Law of Thermodynamics."

I summarize that latter point, briefly, as follows.

The existence of known types of living species during a span of archeological investigations, since such as approximately a half-billion years ago, shows a leading trend in such heritages which shows life on Earth as steered in an upward train of increasing energy-flux density which has culminated in the combined biologies and biological potentials for actually expressed human mental life which defines the planet



The greatest enemy of mankind known to us today, is that of the legacy of the "oligarchical principle," centered today in the British Empire, since the occupation of the British Isles by the mass-murderous predator known as William of Orange. Painting by Peter Lely (c. 1680-1720).

as naturally impelled to successively more powerful forms of life, especially human life, as so expressed for human progress in rising rates of energy-flux densities of human life per capita and per square kilometer of territory. It is that characteristic of human life, as distinct from all other known living species, which demonstrates mankind's inherently potential destiny now in mankind's leap into a leading role in extra-terrestrial human development of man's rising role, in not only the reach of our Solar system, but also, our rising practical influence into the galaxy which our Solar system inhabits.

Thus, the actual history which is natural to the human species, as opposed to the effects produced by the inherent depravity of the oligarchical systems such as those of the fabled, oligarchical Olympian Zeus, is to be traced along a pathway of defiant development, against the oligarchical principles of such as the Roman and British empires. The natural inclination of the human species, is

of increased population and per-capita power of existence, all, so far, in defiance against the oligarchical depravity of many leading cultures of mankind.

Witness, for example, the inherent depravity of those socialized cultures which not mere hold back, but demand a reversal of human culture, setting mankind back, as the specifically ungodly, oligarchical characteristics of today's morally and physically degenerating and pro-mass-murderous do, such as those of the British monarchy and President Barack Obama.

That moral, and actually biological degeneracy of such as the so-called "modernists" presently, such as British puppet Barack Obama, is the true epitome of manifest evil. My point here, on that account of scientific matters, is that there is no "natural depravity" like that expressed by the current British monarchy, but only the malicious decadence inherent in that oligarchical principle's modern expression of the reign of the British empire spawned by the likes of the New Venetian Party's William of Orange and the followers of the virtual founder of contemporary global imperialism, Lord Shelburne, since that time. One may freely throw wretches such as England's monstrous Henry VIII and Paolo Sarpi's heritage of the New Venetian Party into the same rubbish-bin of lost cultural moralities which have served as instruments of scientific backwardness in the times of the history known to us presently from the past to present times.

All notable, and known general backwardness in human progress as such, has been the fruit of sheer evils such as those of the societies ordered in coincidence with the oligarchical principle. Once that point is adequately presented, the most important of the failures which have occurred within the powers of mankind, have been made clear. No other source of backwardness and related evils is to be blamed on an alleged lack of human natural qualities.

What confronts human society with its great shame, is nothing other than that evil, known as "the oligarchical principle," which, having once captured, seduced, and degraded naturally human beings, has been a state of affairs in which the early captors of relatively ignorant human populations, has held them in a captivity like that in which African slaves were held captive, not only in the Americas, but Africans taken into captivity, also by Africans prior to their captivity in the Americas, and Americans who are still kept largely within the effects of a slave-system among most of the current population of the Americas generally still today. The votes

cast for U.S. Presidents such as the pathetic George W. Bush, Jr., and the luridly pro-Satanic British royal puppet, Barack Obama, illustrate that oligarchical tradition which has held most of the human population of our planet in virtual intellectual-cultural servitude, such as that typified by the inherent moral depravity of what was expressed by the 1950 launching of that Congress for Cultural Freedom which supplied the monstrous wave of immorality regnant throughout Europe since (and also actually before that time).

The greatest enemy of mankind known to us today, is that of the legacy of the same "oligarchical principle" currently centered in the British empire today since the murderous occupation of the British Isles under the flag of the same legacy of Paolo Sarpi expressed in the invasion of the Netherlands and the British Isles as the New Venetian party of the mass-murderous predator known as William of Orange.

Beyond the Oligarchies

All major warfare presently known to us concerning our historical knowledge of warfare on this planet, has been a product of either the "infectious disease-like" practice of warfare, or the necessary resistance to the oligarchical evil's extensive periods of reign upon relatively large regions of habitation. The practice of cannibalism, or its likeness, is the characteristic of a part of the human species whose policies and practices are no longer human.

Now, with the advent of nuclear and thermonuclear means, the only legitimate expression of a necessary form of a general form of warfare has been resistance up to or beyond nuclear defense against a foe whose threat is an expression of a modern technological form of oligarchical interest. All other forms of warfare or its like, are actionably criminal, clearly so if the violator is of the quality of the current British imperially reigning oligarchy and its allied puppets. That evil oligarchical expression must be defeated, and, thereupon, excised from positions of power, at all necessary risk.

Otherwise, there were no just reason to license warfare. The British empire is the most likely true cause for waging such forms of warfare of resistance beyond those of necessary restoration of peace, and, hopefully, durably peaceful accommodation among sovereign nation-state republics.

Nonetheless, despite the aforesaid restrictions against warfare or mass-murderous actions such as those just conducted in Libya, especially the war-crim-

inal quality of the crimes condoned by President Barack Obama and others in those unconstitutional and related forms of unlawful forms of action taken by Obama in the instance of Libya, it was, in this case, the Obama administration and its relevant accomplices which were, de facto, and also U.S. Constitutionally, the party of evil.

The Criminality of Obama

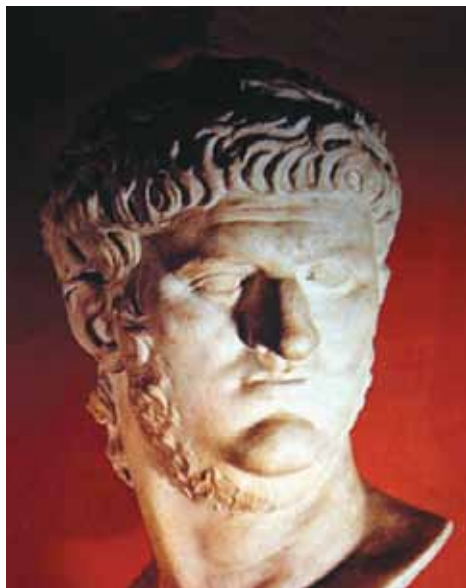
Two crucial sets of facts must be added to those aforesaid issues of the case at hand.

First, the conduct of President Obama as the leading feature of the policies launched under

his reign which are Adolf-Hitler-like crimes against humanity taken by Obama under British royal influence. Second, and no less significant, it has been fully demonstrated in fact, as by me personally since April 2009, that President Obama is, in a fully functional sense, not only a remarkably exact image of the character and expressed practices of the Roman Emperor Nero, but that my explicit exposure of those Nero-like actions of Obama which were precisely defined by me, had been already stated with relatively full and great precision, in the course of my report to that international webcast. There is nothing in Obama's character, as of the present day, which I had not identified with precision during that April 2009 web-cast.

I have made numerous fully validated major economic and related forecasts, in my role as an economist since my Summer 1956 forecast of a late-February-early-March 1957, very deep U.S. recession to erupt at that forecast time. My persistent warning since 1966 of a likely major U.S. monetary crisis which had occurred in August 1971, was, notably, contrary to all notable other relatively notable economists, and to numerous others, at later times up to the present moment. I would rank the great precision of my April 2009 forecast of the character of President Obama, as having been the most precise, and most significant of virtually all the forecasts which I had made up to approximately the present date.

If Barack Obama is not impeached out of office very soon, not only will there not be a still-existing United



President Obama is a remarkably exact image of the character and expressed practices of the Roman Emperor Nero, as defined by LaRouche, in his April 11, 2009 webcast.

States very, very soon, but the kind of mass-murder which struck ancient Rome under the later days of the Emperor Nero; there will be a scale of mass-murder comparable to, but far more extensive than that which the citizens of ancient Rome experienced from the Emperor Nero. The details of the likeness of Obama to the Emperor Nero is one of the greatest of likenesses to the Emperor Nero in all well-known history of trans-Atlantic civilization.

The exactitude of the likeness of Obama to the mass-murderous Emperor Nero, is so exact in details, that it is already certain that the British monarchy, which actually placed Obama in the Presidency, must have found in Obama its choice of a prospective U.S. occupant of the Presidency who must have been most carefully pre-selected as the type of psychotic personally selected to bring about the self-destruction of the United States.

Therefore, I have privately made an additional forecast of future history, which I shall withhold from public circulation at this time.

That much said in this chapter this far, I shall now proceed with the essential foresight into the presently accelerating economic crisis as such.

The Physical Science of Forecasting

The most typically incompetent form of economic forecasting, is premised on the presumption that the introduction of a new physical principle, is necessarily to

be located within the specific time and place within which that forecast is first made. That blundering presumption has depended largely on the current prevalent, incompetent presumption of such sources as what are to be regarded as such “authorities” as the notorious Adam Smith found among modern British economists, their dupes and other followers.

The fact is, that any true discovery of principle is expressed only along the course of the lapse of time which has led to both the introduction and implementation of that discovery. In practical terms, that historical fact is presently the most important discovery in physical science up through any present that the lapsed time leading into the discovery and its realization, has been in the process during which its initialization and fulfillment have occurred. The presumption that physical time is a matter of specific “clock time,” has been one of the most perniciously significant, but, nonetheless, one of the most popular and important delusions in the popular practice of physical science still today.

Thus, as I had emphasized in the course of the questions and answers of my recent September 30 th national address, that any actually true discovery of a principle changes the lawful characteristics of any specific character of contemporary physical time.

This quality of change is known to us, presently, only as a characteristic of specifically human behavior within the bounds of a physical space-time, rather than that defined as “clock time.” For this purpose, we must place the emphasis on effects which correspond to a discovery of universal physical principles as such, or those comparable principles which are to be classified as either human-generated actions on the universe, or on the specific consequences of the experiencing of those specific qualities of actions.

The latter qualifications demand a bit of emphasis on explanations.

For example:

No physical principle could exist as if in something tantamount to the hypothetical notion of a physical principle of action existing within “empty space.” There are no “stand-alone principles” existing which actually correspond to “a principle in any quality of space other than its own,” nor is there any existence of “empty space.” There is only action in “physical time,” and as expressed in terms of reference to “physical time.”

In effect, the characteristic of the human species is the willful change as actions which change the system

of “physical time.”¹¹

All of those preceding matters of emphasis are absolutely indispensable for any comprehensive apprehension of the ordering of human activity within the universe. Without that specific quality of development in physical science and its correlatives, there is no competent scientific practice in general. On this account, the conception of relativity, as of Albert Einstein and those of comparable, anti-Bertrand Russell practices, is indispensable, scientifically, for all subject-matters. The notion of physically relative time is indispensable for a competently, generally progressive notion of the physical universe in physical, rather than simply clock-time.

The Practical Implications


During a lapsed time which has occupied much of the recent dozen months of our “Basement” activity,

11. As in entering the revolutionary (physical-economic mode) specific to the culture of a new century. It is the act of the qualitative change in mode which inhabits the specific quality of action befitting a notion of “‘physical time,’ as qualitatively distinct from ‘clock time’.”

**Lyndon
LaRouche**

On

**Glass-Steagall
and
NAWAPA:**



The North American Water and Power Alliance

“The greatest project that mankind has ever undertaken on this planet, as an economic project, now stands before us, as the opportunity which can be set into motion by the United States now launching the NAWAPA project, with the preliminary step of reorganizing the banking system through Glass-Steagall, and then moving on from there.”

“Put Glass-Steagall through now, and I know how to deliver a victory to you.”

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"The principal obstacle to comprehension of the issues of a science of physical economy today, has been, scientifically, relatively impotent doctrines of 'clock-time.'" Now, the LaRouche "Basement Team," is continuing LaRouche's earlier discoveries in that sphere, as well as developing collaborative relationships with international scientific circles. Shown: Jason Ross presents a class on Riemann and Abelian functions, in an LPAC video (<http://larouchepac.com/riemann2b>).

since our August 2010 abandonment of the existence of a primitive's notion of the existence of what had been damned by relevant actually leading scientists since more than a century ago, we had good reason to join in damning the silly notion of "space by itself" and "time by itself." Our same "Basement" crew responsible for most of this scientific research, has expended considerable, relatively comprehensive attention on approximately a half-billion years scrutiny of the leading records of the subject of the series of evolutionary development of living species, their origins, their existence, and the related evolutionary history. Most of the evidence treated in this process, is to be fairly considered as factually standard as presently known as fairly modern "catholic" evidence, as familiar to, relatively speaking, the most highly qualified sources employed on behalf of our team's own original work in this and closely related fields.

The most profound among the implications of this line of investigations, has corresponded to the fruits of my own, original earlier advances in the notion of the principles of physical space-time as such, especially as situated within the domain of the science of the specific considerations of physical economy. The principal ob-

stacle to comprehension of the issues of a science of physical economy today, has been, scientifically, relatively impotent doctrines of "clock-time." Whereas the notion of physical time itself, has been a relatively long-standing conception of my own independent work, the situation of my own, earlier discoveries and practice within the context of our "Basement" crew, has been a crucially important setting for both the continuing of my own earlier discoveries on this account, and the great benefit of collaboration with my "Basement" associates, especially since the Summer of 2010. The "Basement" has represented the true principle of a virtually daily functioning team, rather than a mere collection of separate bodies expressing related interests. More and more, that team's

activities have been extended, quite naturally, toward international scientific circles of collaborative, specific scientific interests shared in common.

Admittedly, teams of similar qualities have become long since traditional among the best qualities of academic and related scientific circles and teams back to the times of such original modern scientists as Filippo Brunelleschi, Cardinal Nicholas of Cusa, and the pack of modern geniuses among such explicit followers of Cusa, and his greatest followers in the domain of physical science, such as the greatest of them as Leonardo da Vinci and Johannes Kepler. However, the explicit function of physical space-time, as I have identified that here, has lacked any adequate semblance of treatment of the actual notion of physical time, as distinct from a rare kind of clock-time up to the present time.

Such was the concept which I had presented in the answers to the questions presented to me in the course of the recent September 30th national broadcast. and in the already designated LPAC *Weekly Report* of Wednesday, October 19th .

Much more on those same stated lines of inquiry is to be said and written in the course of the remaining time yet to come.

SOUTH AFRICA

Looking to the Heavens To Develop the Continent

by Marsha Freeman

South Africa is a country of dramatic contrasts. It is host to the most advanced radio telescope in the Southern Hemisphere, but is struggling to overcome 400 years of subjugation of the great majority of its people by two European empires, and nearly 35 years of the forced segregation of the races, under apartheid. It is the only nation in Africa to operate a nuclear power plant, but at the same time, 55% of its rural population, and more than 12.5 million people in total, have *no* access to electricity. It is the leading nation in the world in producing radioactive isotopes, critical for advanced medical diagnosis and treatment, while millions of non-white South Africans live in hovels made of scrap metal, in “informal settlements,” with no electricity or running water.

National unemployment is about a quarter of the 50 million population, with black youth unemployment double that figure. The Afrikaner government’s apartheid policy of the second half of the 20th Century left the nation with a 5:1 differential in spending for whites versus blacks in education. Although the government spends about 18% of its total budget on education, it will likely take a generation or more to eliminate that inequality.

In 1994, the first democratically-elected government faced almost insurmountable challenges, while thousands of the well-educated whites, who could have contributed critical help in rebuilding the country, left. Nelson Mandela’s policy that there be reconciliation,

not retaliation, as the apartheid government left office, likely saved South Africa from a civil war.

The government of South Africa is committed to up-lifting the 80% of the population that had been held in virtual slavery since colonial rule. It has pledged to increase literacy from the current level of 82%; to continue to bulldoze the “informal settlements” as they are replaced with decent housing and basic infrastructure; to create 5 million new jobs, by 2020.

But even with its great riches in minerals and raw materials, South Africa cannot escape the international financial blowout which is now bringing world trade, along with South Africa’s exports, to a halt. Last year, South Africa lost 53,000 manufacturing jobs, and the projected economic growth rate for this year is down to about 3%. In order to create the jobs required, it is estimated that at least a 7% annual real growth rate is needed.

And South Africa, with all of its own challenges, lives in a neighborhood where people suffering from drought, famine, and civil war are flocking to the “greener pastures” of that nation, thanks to its open-door policy. As quickly as the government is building housing for the poorest of its population, new arrivals to the “informal settlements” make it more difficult to attain the rate of progress it has planned.

But democratic South Africa also inherited a scientific and technological legacy which has been deployed to up-lift that nation, and Africa more broadly.

Scientific Orientation

While it is focused on investment in housing, education, transportation, energy, healthcare, and other basic economic infrastructure, the government of South Africa intends to use all of the available resources it has to accelerate progress. In this, its emphasis on, and deployment of resources into scientific advancement, education, and development is extraordinary.

Prior to 1994, leading-edge space and rocket technology and nuclear programs were under development, as military projects. The African National Congress-led government abandoned these programs after 1994. More recently, and with an impetus from the scientific community, universities, and industry, the government has placed a new emphasis on leveraging its human capital and base of high technology skills to initiate national science and technology programs as a driver and enabler for leapfrogging into the future.

The progress that South Africa has made in this regard, won it the bid, on behalf of all of Africa, to host the prestigious annual Congress of the International Astronautical Federation, in Cape Town Oct. 3-7, which was attended by this author.

In 1999, South Africa became the first country to send a microsatellite, weighing 64 kilograms (about 140 pounds), into Earth orbit. SunSat was designed, assembled, and operated by faculty and students in the electrical engineering department at the University of Stellenbosch, and was launched by the United States.

Using data from foreign satellites, South Africa developed the capacity to interpret and make use of Earth observation imagery. In one example, five years ago, the Satellite Applications Centre, now SANSA (South African National Space Agency) Earth Observation, began using satellite data to create a multi-year data base to document the state of “informal settlements,” for the Department of Human Settlements in the North West Province. By comparing new housing delivery rates with settlement growth, the government is able to more accurately identify and track the housing gap.

Building on the country’s experience and skill, and



Cape Town, the venue for this year’s International Astronautical Congress, is tucked inside Table Bay, shielded somewhat from the Atlantic Ocean. This detailed image was taken in February 2010 by South Africa’s Sumbandila satellite, as seen in an artist’s drawing in the inset.

recognizing the value of an African-designed and -owned Earth remote sensing satellite, the government commissioned SunSpace—a company spun off from the University—to build a larger, prototype Earth observing satellite, Sumbandila, which means “lead the way.” The R26 million (\$3.7 million) Sumbandila satellite was launched in 2009, and has collected images of the Earth for two years.

The next step, as outlined in late September by Dr. Sandile Malinga, the head of the new South African National Space Agency (SANSA), is Sumbandila-2, an operational Earth observing satellite, projected to cost approximately R400 million (\$52 million). This operational satellite is being planned, not as a stand-alone capability, but as part of the African Resource Management Constellation (ARMC) whose goal is to vastly upgrade satellite coverage of the entire African continent.

The goal of the satellite projects of South Africa and other African nations is to end their dependence upon other nations for satellite images and technology, and instead, develop indigenous capabilities. As was stated during the Congress, buying just a few images of your country costs in the tens of thousands of dollars. And those dollars comprise a growing high-technology trade



EIRNS/William Jones

During the first space Congress to be held on the continent of Africa, leaders of five African space agencies described the space programs and the aspirations of their nations. Left to right: Seidu Oneilo Mohammed, Nigeria; Sandile Malinga, South Africa; Harry Kaane, Kenya; and Tahor Iftene, Algeria. At the microphone, is Mustapha Masmoudi, from Tunisia.

deficit, between Africa and the space-faring nations.

The government of South Africa is also considering resurrecting the rocket test-and-launch facilities at the Overberg Test Range, which had been developed in the 1980s, to launch an Earth-observing/reconnaissance satellite for the military. That program also created satellite integration and test facilities, and some industrial capabilities, which are now deployed for the civilian space program. A rocket launch facility at the Overberg site would be the first one on the African continent.

Imagination and Wonder

There is apparently an old joke, which goes: “God put all of the astronomers in the Northern Hemisphere and all the interesting objects in the Southern.” Not *all* the astronomers!

Centuries ago, it was of practical importance to be observant of the southern sky, as explorers rounded the Cape of Good Hope, hoping to find a sea route to the East. Before 1600, measurements of the Earth’s magnetic field were made, to aid navigation. This region was also of particular interest, due to the South Atlantic anomaly, a region of weakening of the Earth’s magnetic field.

Participation in the International Polar Year of 1932-33 led to the establishment of a magnetic observatory at the University of Cape Town. The Cape Town observatory was later moved to Hermanus, where it operates

today. It is certified as part of an international network of geomagnetic facilities which monitor the interaction between the Sun and the Earth, and recently inaugurated the Space Weather Operations Centre, to develop the tools to issue warnings of magnetic storms.

Early on, it was well appreciated that an astronomical observatory in the Southern Hemisphere would reveal parts of the cosmos that the great majority of the world’s astronomers had, in fact, never seen. In the 1820s, the Royal Observatory at the Cape of Good Hope was established by the British, and for over more than a century, it was visited by internationally prominent astronomers.

In 1972, the telescopes at the main observatory site in the dry Karoo region of South Africa were merged with observatories in Johannesburg and Pretoria, to form the South African Astronomical Observatory. The SAAO is South Africa’s national center for optical and infrared astronomy.

The single largest optical telescope in the hemisphere today is the Southern African Large Telescope (SALT), completed in 2005. South Africa is the major shareholder in the international consortium that built the telescope, and about 70% of SALT was built there.

In 2003, the government, encouraged by its success in building SALT, decided to take a giant leap, and registered an interest in hosting the Square Kilometer Array (SKA), which, when it is completed in 2024, will be the largest, most precise radio telescope array in the world. The only other bids are from Australia and New Zealand; the winner will be chosen next Spring.

Scientists and engineers working in South Africa have been searching for radio-wave signals from space since the dawn of the space age. In 1961, NASA built a radio-wave antenna at Hartebeesthoek, about 50 km west of Johannesburg, to receive signals from its earliest lunar and planetary probes. After it was closed as a NASA station in 1974, the facility was converted to the Hartebeesthoek Radio Astronomy Observatory (HartRAO). There, precise satellite location techniques using laser ranging, and tracking Earth’s continental drift, complement studies in radio astronomy.

In order to develop the leading-edge technologies that will be required to build, operate, and coordinate the Square Kilometer Array's 3,000 radio antennas (with a total surface area of the dishes of 1 km) which will be spread over 1,000-km distances, the government embarked on a precursor radio astronomy program, which is now coming to fruition.

The Karoo Array Telescope, or MeerKAT, will consist of about 64 radio astronomy dishes when it is completed over the next few years. By 2016, it will be ready to do science, but already more than 500 hours have been allocated to top scientists in South Africa and around the world. The first prototype dish was built and tested at HartRAO in 2007, and the first seven operational dishes (KAT-7) are undergoing testing, and will be commissioned by the end of this year in Karoo. Whether or not South Africa, and the eight other African nations that are partners in the project, win the bid to build the SKA, MeerKAT will be doing world-class radio astronomy for decades.

Imagination and Wonder

One of the most important reasons that the government of South Africa has placed such a prominent emphasis on promoting advancements and contributions to space science was expressed by Dr. Sandile Malinga at the Cape Town international space conference (see interview, below). The practical applications of space technology in agriculture, communications, long-distance learning, weather forecasting, health, disaster management, infrastructure planning, and all the rest, will allow South Africa to compress its timeline of economic development. But it is science, which Dr. Malinga described as "imagination and wonder," which justifies his government's expenditures on projects such as the Square Kilometer Array.

In her interview (see below), Minister of Science and Technology Naledi Pandor expressed the need to move forward, and overcome "Afro-pessimism." That is the *intention* of the South African government. But the accelerating global financial crisis and collapse of, most profoundly, the European and American economies, will make that impossible.

When America returns to being "the country that inspires us," as Pandor recalled, South Africa will be positioned to contribute to, and benefit greatly from, a new alliance among nations based upon great global economic projects. South Africa also will play a critical role in the development of all of sub-Saharan Africa.

Interview: Naledi Pandor

South Africa in Space: Ending 'Afro-Pessimism'

South African Minister of Science and Technology, Naledi Pandor, is a passionate supporter of scientific and technological progress for her country. She is the former Minister of Education of South Africa, and a Member of the National Executive Committee of the African National Congress. Since 1994, she has been a Member of Parliament. Minister Pandor received degrees, and furthered her education, at the University of Botswana and Swaziland, the University of London, Bryn Mawr, the Kennedy School of Government, and the University of Stellenbosch. She is responsible for a sweeping array of scientific programs, for which she is an ardent proponent.



In order to educate the Parliament, which must approve federal program budgets, the Ministry prepared a pamphlet, explaining the importance of South Africa's radio astronomy projects, and why it is bidding to host the Square Kilometer Array (SKA). This multi-billion-dollar array of approximately 3,000 radio telescopes, will be 50 times more sensitive, and 10,000 times faster than the best radio telescopes in use today, the pamphlet explains. With scientific advancement as a leading edge, the Minister is dedicated to the education of both citizens and policymakers, and expresses the optimism that South Africa will continue to lead the continent into the space age.

Pandor, who addressed the Congress of the International Astronautical Federation, in Cape Town Oct. 3-7, was interviewed in her Cape Town office on Oct. 7, by Marsha Freeman and William Jones. Here are excerpts.

EIR: It was very clear from your statements at the Congress, that the government of South Africa has made a very serious commitment for space technology

and development, and, of course, you have a country that faces many challenges, such as in education and employment. Could you tell us why you think that the space program is important for South Africa?

Pandor: Well, we need to go back a little bit. When South Africa achieved democracy in 1994, I think the country had to reflect on what it needed to do. And at the time, the new government was aware that we had a fairly strong scientific base. But I think it believed that it must focus on the socio-economic development issues, and therefore tended primarily to highlight education, health, issues of equity. Those were paramount, I think, in the mind of the South African populace at that time.

And so while we were really fortunate that Mr. [Nelson] Mandela's government established a Department of Science and Technology in 1994, the problem was somewhat that it was merged with another department. So we had something called Arts, Science, and Technology, then. And given the socio-economic concerns, arts and culture tended to dominate the discourse of that department.

But our scientists, I think, were very strong, in that they worked to formulate a strategy for the country. They did a foresight study like the decadal review [done by the National Academy of Sciences] that you have in the United States, and set out a research and development strategy which was adopted by government in 1996, and continues to influence a great deal of the work we even do up to now. So I think that phase assisted the African National Congress to continue to have an interest and an objective of investing in science and technology.

Between the period between 1996, up to 2004, we continued with that conjoined department; but as matters developed, it became clear that science was of such importance that it needed its own department, it needed its own budget, and it needed a much more definitive strategy which would highlight what had been done in 1996, lift it out, and really begin to tie into new developments that had emerged in that period of eight or so years.

A Department of Science and Technology

So in 2004, the ANC, after the elections, decided to establish a stand-alone Department of Science and Technology. So we're a new department as a stand-alone, although it existed since '96. That new department was charged with determining a new innovation policy for South Africa. Building on the research and development strategy but drawing on what had been

learnt since democracy.

In 2007, they put before the Government a ten-year innovation plan with five key focus areas identified. Now in the plan, they indicated that we've been clearly all right, as to investing in fundamental scientific research and development activity. So our scientists have been receiving grants, [and] while not enough, monies have been flowing; our science councils have been productive. On the basic science level, we're all right.

But we had problems with respect to human capital, and we're really not doing as well as we should with respect to innovation. We're producing basic scientific outcomes, but weren't converting them into a product that can be commercialized. We didn't have the institutional base for that, and we're not investing. The private sector is traditionally not venture-capital-oriented in this country, so Government decided we had to do something. Hence, a ten-year innovation plan for science and technology, which identified five key focus areas which you hear us all talking about.

The first is space science and astronomy: very, very important, because they realized there are opportunities there, but also, we have capabilities in South Africa. The second is biotechnology, and that linked into our whole problem of the disease burden in South Africa and in Africa, and a very productive health sciences academic contingent in South Africa.

As you know, the first heart transplant [was carried out here], so our human and health sciences faculties tend to be quite, quite productive. So biotechnology is the second area.

The third area was energy, because government was concerned that we were not doing enough for renewables, that we're too reliant on fossil-based energy sources, and thus, we're contributing to all the horrible gases in the atmosphere, and needed to change the way we resource energy.

The fourth area was climate change. And there, they call it actually global change, but the primary focus is climate change, to look at what technologies should we develop in order to understand what is happening to the world better, from a Southern, rather than a global perspective. And then the global view would be linking into other sciences, and really developing our geo-spatial understanding of the world and our ability to monitor climate change and learn from other systems. And then also to improve the search with respect to the southern oceans and understanding the southern currents much better than we do up to this point. So global



EIRNS/William Jones

Khayalitsha, a Cape Town “informal settlement,” is home to more than 1.5 million people. While hundreds of thousands of new homes, with electricity and water, are being built each year, the influx of refugees from neighboring countries has made eliminating these squatters’ villages more difficult.

change is a fourth dimension.

The fifth one, which, I must admit I am one of the people who added, was the human and social dynamics. Because in discussing the plan, some of us became concerned that there was potential to neglect the humanities and the social sciences, and given a society in transition, it was absolutely imperative that we understand what is happening with society, and are able to support a change in society and communities to grapple and cope with change. Plus, you want poetry, literature, and so on. So human and social dynamics is the fifth area.

Now embedded in those finally, is really ensuring sufficient resources for those areas without neglecting the other areas scientists want to pursue. But these would be kind of where we want to see focused, ensured resources. Two, making sure we have the human capital, because without the people, you’re not going to do the science you want to do, so your Masters [degrees] and PhDs are very important to us, post-graduate study. And thirdly, making sure we have the institutional structures to give us these areas that we want to focus on. So the universities must have appropriate facilities, the science councils must have infrastructure.

So we’re looking within these five areas: How do you ensure, how do we position ourselves in a way that allows us to continue to do basic science, produce the

right human capital, be innovative, and actually build alliances with the private sector that support innovation. And that essentially in a very brief outline, is the agenda of the Government at this time.

South Africa’s Role in the Continent

EIR: You also have a very broad view in terms, I think, of what South Africa’s role is for the whole continent.

Pandor: Absolutely! Africa is central for us, because, you know, we believe that you cannot have an island of development in a sea of underdevelopmental poverty. And so we’ve worked very hard to ensure as we initiate our programs that we do so with the

African continent. We have 23 universities in South Africa. At the moment, we have around 820,000 young people registered, so we are almost bursting at the seams. And what’s intriguing is that of that number, around 50,000 are from other African countries. So we’ve become a resource for the continent.

I think it is tough for us. We are worried about success rates in higher education, but we have some universities that are pretty good quality, and about 7 out of the 23 are research-intensive. We want to build much more capacity, but we have a committed government, and fortunately, we are getting support, never enough money, but we are always fighting for more. This week, I was having big fights with my colleague in Finance, but I think we do get resources and we’re able to deploy them.

EIR: One of the most remarkable projects that you are now in a tough fight with Australia for, is the Square Kilometer Array. It’s a very impressive project itself, but also the fact that you made it a joint project with a number of other countries on the continent is very impressive. How do you see that as kind of a driver? What impact do you see it having if you get the program?

Pandor: You know, one of the things that we wanted to do is to change the way the world sees Africa. We tend to view the continent as a place of awful problems,

famine, disease, war, and not as a knowledge region of the world. Now we're trying to change our character into one where we are associated with an iconic research facility that draws researchers into Africa to carry out high-level research work. That, we believe, would fundamentally alter the way that the world sees us.

Because they will come to countries on the continent for a very different purpose. So we regard the Square Kilometer Array and the fact of the African partnership as part of this alteration of the perception of Afro-pessimism that we have in Africa. But also it would mean a massive boost to human capital development because it involves so many areas of technological and scientific activity.

Just two weeks ago, I was in Washington, and I was speaking to all the top corporations in the information-communications-technology [ICT] domain—your Ciscos, your IBM, Honeywell—briefing them on the opportunities offered by SKA, and it was incredible. Here's an African minister talking to the top executives of the major world ICT companies, saying please come to South Africa and see what opportunities you could derive from the Square Kilometer Array, and assist us in ensuring that we have the best programming, the best systems analysis, the best data management facility for this important project. And we told them that, even if—the Lord forbid—we don't get the SKA, we are committed to the demonstrated telescope MeerKAT, which in itself will be a significant research facility.

And it was great! They were all excited. They all wanted to be part of it. We have agreements with IBM already. We have agreements with Nokia, with Intel—so there's a lot of excitement. And this excitement: It begins with South Africa, but then it must look at Mozambique; it must look at Zambia, Namibia, Ghana, Botswana. All the partners to this new development are all the various sides of our program.

I've found a bit of money in my budget to start helping Mozambique to build a radio astronomy observatory. And we hope we'll do the same with Zambia; we're doing so with Ghana as well.

Inspired by Eleanor Roosevelt

EIR: When Nigeria launched its two satellites a week or so ago, one of the ways that the press covered it was to say that Nigeria is now winning the "African space race." But all of the South African speakers at the Cape Town Congress have stressed international cooperation.

One project under development is the African Resources Monitoring Constellation. Dr. Malinga, who had a press conference in Johannesburg before the IAC conference started, said that the next South African satellite, Sumbandila-2, which will be South Africa's contribution to the Constellation, would be developed. Has that been approved?

Pandor: Not yet. No, they're still working on it, but we've agreed that that's the direction we're going. And we'll look at what they've produced, their plan, and I hope by the end of this year we will have an indication what the needs are, what the timelines are, and what resources are required.

EIR: I have to say that an inspiring thing about South Africa is the leading role of women here.

Pandor: We all draw on the U.S. We all talk about Eleanor Roosevelt and the contributions she made to the empowerment of women. We never forget that we wouldn't have the Universal Charter of Human Rights were it not for her. A great woman. So we draw inspiration. And that's what we would like America to go back to—to be the country that inspires us.

Interview: Dr. Sandile Malinga

Space in South Africa: A Change in Paradigm

Dr. Sandile Malinga is the first chief executive officer of the recently-established South African National Space Agency (SANSA). He is a space physicist, who earned a doctorate from Rhodes University. In 2002, he joined the University of Natal and later became the Dean's Assistant at the University KwaZulu-Natal, responsible for student academic support programs.



In 2007, Dr. Malinga joined the leadership of the Hermanus Magnetic Observatory, now SANSA Space Science. He is a member of the South African Council

for Space Affairs, and serves on numerous scientific committees. Dr. Malinga is dedicated to bringing young people into science and technology, a commitment which he says is inspired by his three young children; and he sees his responsibility not only to his nation, but to all of Africa.

Dr. Malinga was interviewed by Marsha Freeman on, Oct. 6, during the International Astronautical Congress, in Cape Town.

EIR: You gave a briefing for the press in Johannesburg about a week ago, prior to the Congress, in which you mentioned that you hoped to start a project next year to build an operational Earth observation satellite; that Sumbandila was a prototype, not designed to be operational. Why have you put this forward? People would ask, wouldn't it be cheaper and faster to just go to a foreign commercial company and buy a satellite?

Malinga: The reason we think we should build our own satellite, goes beyond what the satellite can do. We hope that through this, we will come up with new technologies. We have a very bad shortage in terms of highly skilled people in the country. So this would be one vehicle that one can use to train people in high technologies.

Further, as a country, we have challenges. We import quite a lot of high technologies from other countries. We currently have a trade deficit, in terms of high technologies, in excess of R70 billion (about \$9 billion) a year. And this has gone up. In the past, I think around 2005, the trade deficit in terms of high technology was around R43 billion a year, and it's gone up to 70-something. So there is something going wrong, in terms of competence in high technology; it is probably slipping.

We also see that in terms of our patent share. Around 2005 or so, it was around .1-.2% [of the global share]. In 2009, it has gone down about 80% to .02-something. We're slowly slipping as a country, globally. So we believe that by doing this, it will contribute to addressing those challenges, which the country is trying to address. In addition, we will create the skills that are required. And the biggest thing is that the skills that are created in terms of space could help people find jobs elsewhere in other industries, car manufacturing, or mining areas, and also other industries. They could work just about anywhere. Those are related benefits that we hope to derive out of this.

Besides that, we believe that we should build our own [satellite], so that we design it to meet our needs. When you build a satellite, you build it for your own



NASA

In 1961, NASA built a radio antenna in South Africa, (seen here), to track interplanetary spacecraft. Today, it is a radio telescope, and the precursor to the world-class MeerKAT radio observatory now being built.

needs. If we use the French satellite, which we use at the moment, it's not designed for what we want. We have our savannas here. France is in Europe. You know, they have different vegetation from what we have. We need to customize our satellites, to meet our requirements, and achieve what we want. So those are the reasons why we think we should build our own satellite.

And there's the issue of national pride, as well. We can't underestimate that. That is what has propelled other nations globally to be where they are. National pride. It's as simple as that. "We got it; it's been done here." It has an immense motivational affect on your people, your young people, who will see this satellite that they have developed. It drives you on to other things. The sense of belief that we can do just about anything, and that's an advantage.

We Must All Prosper Together

EIR: You said at various times throughout this week that your country has many challenges, and not every problem can be solved quickly. But for people to think that their children's lives will be better than theirs, that is the hope.

There was an article recently, when Nigeria had two satellites launched, that Nigeria is winning the "African space race." But you have stressed the cooperative space projects that are underway, such as the African Resource Management Constellation [ARMC]. How important is it to have a regional view and not just use your satellite to look at South Africa?

Malinga: That's very important, that we take a regional view. Especially for us, in terms of where we are in the SADC [Southern African Development Community] region. If you look at our neighboring countries, we're far ahead, in terms of space. And so it's not in our interest to just benefit ourselves. The SADC countries will prosper, or [none of us] will be prosperous. Then, no one would have to be monitoring borders, because people want to remain where they were born, largely, unless there is something else that pushes them to seek greener pastures.

So by stimulating the region as a whole, that creates markets for SADC, as well. If there is someone who can buy a product and can afford it, then you can sell more. So we have to look at it that way. That it's in our interest to develop the region as a whole, and when we collect [satellite] data, we would love to distribute it to our neighbors.

There are programs, for instance, CBERS, the China/Brazil Earth Resources Satellite.

EIR: You had mentioned that. I had no idea South Africa was involved in that project.

Malinga: We *are* involved in that. We are downloading the data; it's just that right now, the satellite is not working. But we're downloading the data, and the license for it was crafted under the so-called "data democracy framework," where data is freely available. So the mandate that was given is that the data is to be distributed to neighbors for free. That's the commitment that we made. Now we have signed another contract for CBERS 3, which will be launched next year. That is still under that framework—that we'll download the data and distribute it freely to our region. We're committed to do that, and we think it's important.

Similarly, with our satellite as well: The data should be shared. When you look at it, there is South Africa in the southern region; there's Nigeria in the West; there's Kenya in the East; and there's Algeria up north. If we were to think about this very carefully, and sort of, each be a space powerhouse in those regions, we could do more. We could cover the whole of Africa in a very meaningful way [with a satellite constellation by these four nations].

Issues of collaboration in Africa are very interesting, and tricky, in the best of times. That's another issue.

You know, it's coincidental, but we are more or less covering all of the main regions of Africa, almost all of them [through the proposed ARMC constellation]. We

could cover Africa very easily through our regional co-operation; [South Africa] would be responsible for the SADC, and assist our region as much as possible. Even then, we don't want them depending on us. We assist them to get on their feet and fly on their own. That's the intention.

Raising the Bar

EIR: And you had said that if other countries can't fly their own satellites, they could participate in the program, and build and operate a ground station.

One of the other things that has been mentioned, is the possibility of a launch facility. Every continent has a rocket launch facility, except Africa. And you have infrastructure at the former Overberg Test Range that existed in previous times. Is there much there at the site, or has it all been dismantled?

Malinga: It's still there. The site is still there—the bunker, and other things; the tall hangars. Everything is still there. The infrastructure is there.

EIR: So it could be developed to launch satellites?

Malinga: Everything is still there; the telemetry systems.

EIR: It is our view that the path to economic development is through great projects. You talked about how having a vision is important, and that nothing that is done in space can be done in a few months, but takes a long-term commitment. How do you see what you are doing in space as having an impact on the long term, such as in education? We saw the impact of the Apollo Program in the U.S.

Malinga: Do you mean, why not use this money for education, as an example? I think the point that you are raising is, where you raise the bar, you stretch people. Instead of doing the mundane, the things that they are able to do, you set a higher bar whereby they have to stretch themselves and think of things differently. That is the way to change and have that paradigm-shift, that now we're taking a jump.

You know, to some extent, our program's not of that nature. We haven't taken on a very ambitious program. I mean, building a satellite—we've done it [before]. [The first one we built, Sumbandila] is not necessarily an operational satellite, but I don't think putting up an operational satellite is necessarily a huge jump, as in making a paradigm-shift.

By what we're doing—are we really going to change



SANSA

Through its education and outreach efforts, the South Africa National Space Agency (SANSA) plans to create the next generation of space pioneers, like those shown here.

things? Probably not. But I think if we were to take even more ambitious goals and objectives, and say, “This is what we’re going to do,” that would probably propel us further, even faster in our development.

I think this is a good start. We can start by completely building our own satellites. And we look at this as a way of working with African countries. It’s a challenge in the sense that I’m talking about, more on the patriotic and African kind of vision. But when people talk—the company that builds our satellites—they’re more concerned about the money. Me, I’ll be saying to them: “Let’s impart the knowledge to the African countries. They’ll build their own.” Because the way I look at it, we can’t build five, ten satellites in the country, alone. So can you imagine, if each and every African country was doing so, and we use all of those—?

For me, I’ll say the skills should be created elsewhere, so there are more people who can do this, so we can have more satellites. So as a country, yes. But for a businessman, probably not!

EIR: That’s why it was important for the government to create a South African National Space Agency.

Malinga: Yes. That’s the intention. Me: I’ll try to have more social activism, and say, “Create these capabilities elsewhere, and we’ll have more satellites, and

we’ll put them up there together, so as a country, we don’t have to spend more money creating our own constellation.” The thing about one satellite is that it doesn’t assist you much; it does a good job, but it is limited. If there’s a disaster, coverage is small, and the revisit time is long. You can’t, when there’s a disaster, be coming back in a couple of months to the same spot. So those are the things [that are helped by a multi-satellite constellation]. My model will be: Build the capacity, and people will build their own.

Inspiring Young People

EIR: You mentioned, in terms of political stability and economic growth, it is never a benefit to any country to have poor neighbors.

Malinga: You close borders, and do other things, and spend so much money. We have a center where we keep people who come in to the country, and then deport them. We are paying a lot of money doing that. Whereas, if their economies were okay, they would stay. Home is home. Everyone wants to get home, as long as the conditions are okay. Having said that, it’s a challenge, but it’s very important.

EIR: Do you think this Astronautical Congress will have an impact, especially on young people, and education?

Malinga: I think it has done a great job. We had more of our students who otherwise would not have been exposed to this. They came, they attended. Our professionals, also. [But,] I have a feeling we could have done better, on attendance. I’d expected it to be more.

I think the impact will be immense, going forward. People will look back. Can you imagine the kind of impact that is made on young people? [NASA Administrator] Charles [Bolden] spoke to school kids. It’s amazing what that does for a child. I go to places in schools and say, “Just remember this day.” Probably this is where your space career started; when someone came and spoke to you about space.

EIR: That’s what many of the astronauts on their Congress panel said had inspired them.¹

Malinga: So it has an amazing impact, to see someone like you saying to us, “I can actually do this myself.”

1. See *EIR*, Oct. 7, 2011, for the Apollo astronauts’ testimony before Congress.

We See an African 'Astronaissance'

South African scientist Peter Martinez headed the Local Organizing Committee for the International Astronautical Congress (IAC). Dr. Martinez is the chairman of the South African Council for Space Affairs, which oversees space activities in South Africa. He is division head for Space Science and Technology at the South African Astronomical Observatory. Dr. Martinez has made important contributions to the development of South Africa's national space policies. He holds a doctorate in astrophysics from the University of Cape Town, and contributes to international policymaking in space affairs.



At the final count, 345 African delegates, from 13 African nations, attended the Congress. A special Developing Countries Support Programme (DCSP) had been organized by the International Astronautical Federation to support the participation of delegates. Twenty of the 30 participants supported by the DCSP program were from Africa.

Dr. Martinez was interviewed by Marsha Freeman on the first day of the IAC, Oct. 3, in Cape Town.

EIR: As the head of the local committee that organized this first-ever Congress of the International Astronautical Federation in Africa, you must be very pleased by the turnout.

Martinez: We've got about 2,800 delegates registered. We're very excited about that. I think it shows the interest by the global space community in finding out about that's happening in the African space arena, and the potentials that it holds, not only for space in Africa, but the potential for cooperation and commercial applications of space technology in Africa and the markets associated with that.

EIR: How many African countries sent delegates to the Congress?

Martinez: There are 53 countries in Africa, and I would be surprised if all 53 are represented here; it will probably be fewer than half. But still, in terms of space development in Africa, that would be a significantly higher number than you might have attracted, had this Congress been held, say, ten years ago. We're seeing a birth of a number of space programs in Africa, hence the theme of the conference, "An African Astronaissance."

EIR: All of the speakers at the opening session of the Congress today made it very clear that they were welcoming the delegates from all over the world, on behalf of *all* of Africa.

Martinez: We were very conscious that this was the first IAC for the continent, and when we bid to host it, we submitted our bid as an African bid. Our perspective has always been that it's a Congress *for* Africa, and we've taken a great deal of care to involve our African colleagues in the planning leading up to this Congress, and to ensure that this Congress responds not only to our interests and needs, but the interests and needs of Africa, in general.

An All-African Space Agency?

EIR: Last year, at a conference of African leaders, there was discussion of forming an African Space Agency, similar to the European Space Agency. At that time, you were quoted saying that such an organization would be premature. What are your thoughts on that?

Martinez: This exact question was discussed at the African Leadership Conference on Space Science and Technology, held in Mombasa last week. And I am pleased to say that the heads of the other African space agencies who were on the panel discussing this very subject, all expressed views very much in line with my own personal opinion, which is that it would be premature at this stage for Africa to develop a continental space agency.

I think where we are now is that we're seeing the birth of coordinated space activities at a national level. Countries need to develop their space activities, and experience, and operational programs first, and then develop experience in cooperating with each other in executing space activities jointly.

There are many, many challenges and issues to overcome in conducting joint space projects. In the fullness of time, I think we will see whether we need a con-

tinental space agency, or if some other modality of co-operation would suffice. It's not clear to me that one needs to establish a new institution. Perhaps just very good coordination and networking amongst a series of strong African space agencies would achieve the same results, but in a more efficient manner.

EIR: How have the development and achievements in South Africa in space science and technology radiated to other African nations?

Martinez: I think the most significant role, perhaps, is an inspirational one, of being a kind of role model for the African continent, demonstrating that such things *can* be done in Africa, by Africans. An example of that is the Sumbandila satellite, which was developed in South Africa, and designed, built, and operated in this country, with, really, a very small percentage of components that were imported from elsewhere.

Other projects, such as the Southern African Large Telescope, which is currently the largest single telescope in the Southern Hemisphere, and projects like the MeerKAT radio telescope—all of those demonstrate technological and scientific capability here,

on the continent, and, I think, serve to inspire other African nations. And, incidentally, I should say that all of these projects are being pursued in a manner that is quite open to collaboration with other African countries.

In terms of the MeerKAT and Square Kilometer Array (SKA) projects—the SKA is very much an African bid to host this very large instrument, simply because of the continental dimensions of the array, once it's built. So we have stations as far north as Ghana, which are projected; and interestingly, Nigeria is another country in the region that has strong capability in radio astronomy. It's very exciting to be working with these countries on SKA.

Also, in the domain of satellite technology, there is an African Resource Monitoring Constellation. This is a project whereby each country contributes one satellite to the constellation, but has access to the data from the other satellites. At the moment, the ARMC project is being led by Algeria, Kenya, Nigeria, and South Africa, but it is, in principle, open to other countries to join at the level appropriate to their development and needs.



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Rembrandt Portrays Jesus ‘from Life’

by Bonnie James

A young man sits at a table with two companions as a waiter hovers nearby with a platter of food, oblivious to the drama that is taking place before him (**Figure 1**). The man in the center of the picture is breaking the bread—a braided challah, the traditional bread eaten by the Jews on religious holidays. The man appears not to be thinking about the meal, or his surroundings; instead, he seems to look beyond this world; his expression suggests an inner peace or contentment. There is light that surrounds, and seems to emanate from his head, forming a kind of “halo,” suggesting that he is a holy figure; there is something unmistakably sacred about the scene.

In fact, he is the risen Christ, and the two men are his disciples, with whom he has journeyed to the village of Emmaus.¹ But they do not know him, until he blesses the bread, breaks it, and gives it to them, as described in Luke: Then “their eyes were opened, and they knew him; and he vanished out of their sight.”

Above all, it is the face of Jesus that we

1. Emmaus was an ancient town located approximately seven miles northwest of present-day Jerusalem.

FIGURE 1



Musée du Louvre

“The Supper at Emmaus,” Rembrandt Harmensz. van Rijn, 1648.

are drawn to in this painting, “The Supper at Emmaus.” Rembrandt has placed Jesus within a huge, Roman-style arch, suggesting the architecture of a great church; the light that emanates from his person is a sign of his divinity; a second, brighter light from an unseen source on the left side of the painting illuminates the white cloth on the table, and reflects back onto the figures at the table. The brightest light falls on Jesus’s face and hands, as he breaks the bread—the miraculous moment when his true identity is revealed to his disciples.

Rembrandt’s portrayal of Christ represents a radical break with artistic tradition up to that time. As the superb exhibition, “Rembrandt and the Face of Jesus,” at the Philadelphia Museum of Art (Aug. 3-Oct. 30)² establishes, Rembrandt’s use of Jewish models—a young Sephardic Jew in particular—to portray Jesus, was entirely original in the history of art.

It is well known that Rembrandt lived in the Jewish quarter of Amsterdam into which there had been a mass immigration of Spanish and Portuguese Sephardic Jews, who were fleeing persecution by the Inquisition, which continued long after the 1492 Expulsion from Spain; there were also increasing numbers of Ashkenazi Jews from Eastern and Central Europe, escaping persecution there, and the horrors of the Thirty Years War.

After Rembrandt was driven into bankruptcy in 1656,³ an inventory of his vast collections of artworks, curiosities from around the world, and other precious items, was made. Among them were small three paintings of the head or face of Christ, one of them described as painted “from life.” Of course, Rembrandt did not actually paint Jesus “from life”—but he did the next best thing: He depicted a model

from among his Jewish neighbors, whose appearance he believed would have been closest to the living subject.

Leiden and the Religious Wars

Rembrandt paints “The Supper at Emmaus” in 1648, an auspicious year: The prolonged nightmare known as the Thirty Years War ends with the historic Peace of Westphalia; at the same time, the Eighty Years War, which established the independence of the Dutch Republic from Habsburg Spain is concluded, with the Peace of Münster. Rembrandt’s life (1606-1669) has been shaped by both wars in myriad ways.

Leiden, the city of Rembrandt’s birth, less than 30 miles from Amsterdam, was one of the leading intellectual and artistic centers in Europe, home to the celebrated Leiden University. It was also a magnet for refugees from religious persecution from all over Europe—not only Jews, but Catholics and Protestants escaping the devastation of the wars that had overtaken the continent. The worst effects of Thirty Years War (1618-48) were in present-day Germany, where an estimated 5 million people died, one-third of the population.

Leiden was also a center for the movement known as the Brothers of the Common Life, which promoted the idea that the believer should develop a personal relationship to God, without the intercession of priests, or other clerics. By reading the Bible, the individual would develop the spiritual strength to live in “the imitation of Christ.” This revolutionary idea obviously required that the common man be literate. Thus, Rembrandt, even as the ninth of ten children of a miller, like others of his economic status, attended the Latin School in Leiden, from age 9 to 13, where he was educated in mathematics, Greek, Classical literature, geography, and history. At age 14, he entered Leiden University where he undertook studies in science, including anatomy classes. The following year, he was apprenticed to a local artist, Jacob Isaacsz. van Swanenburg, with whom he studied until 1622.

During this period, Leiden began to suffer the effects of the religious warfare that was tearing Europe apart. In 1618, the ecumenical government of Leiden was overthrown, and a virtual Reform dictatorship installed. The coup extended beyond the city council, into the schools, and other institutions of civic life.

2. The exhibition, which was first shown at the Musée du Louvre in Paris (April 20-July 18), will make its final appearance at the Detroit Institute of Arts, from Nov. 20, 2011, through Feb. 12, 2012.

3. See Bonnie James, “Rembrandt’s ‘Thirty Years War’ vs. Anglo-Dutch Tyranny,” *EIR*, Jan. 26, 2007 (http://www.larouchepub.com/eiw/public/2007/eirv34n04-20070126/60-71_704_culture.pdf). In 1656, Dutch East India Company shares plummeted on the Amsterdam Exchange and many investors were ruined. Among them was Rembrandt van Rijn, now 50, who was declared bankrupt and whose possessions were put up for sale. In 1657, Rembrandt was forced to sell off his house, and his entire art collection, which he had spent a lifetime gathering—dozens of Dürer and Mantegna prints; copies and engravings after the greatest works of art in Italy—those of Leonardo, Raphael, and others, as well as a quarter-century’s production of his etched copper plates.

FIGURE 2



Wikimedia Commons

Byzantine icon of Christ, detail from a mosaic, Hagia Sophia, Istanbul, 13th Century.

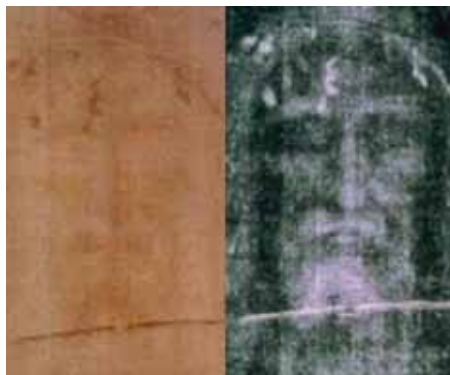
Rembrandt's family was associated with a Protestant sect known as the Remonstrants, who were political opponents of the radical Calvinists. Members of this group, which included Catholics and other Protestants, with ties to Amsterdam, the economic and cultural center of the nation, formed the humanist network which nurtured Rembrandt in his early years in that city.

This background will, to a large extent, determine Rembrandt's response to the cataclysmic forces that shaped The Netherlands in the 17th Century, including to his neighbors in the *Jodenbreestraat*, the Jews' Broad Street.

Portraits of Jesus

As noted by Lloyd De Witt, a curator at the Philadelphia Museum of Art, "Not only did Rembrandt abandon traditional sources in his presentation of Jesus mid-career, but as many scholars have persuasively proposed, supported by visual and circumstantial evidence, he used as his model a young Sephardic Jew from the neighborhood in which he lived and worked. This was very likely the first time in the history of Christian art that Jesus appeared to be Jewish."

FIGURE 3



Wikimedia Commons

The Shroud of Turin (positive and negative images), First Century A.D.

FIGURE 4



"Jesus Driving the Moneychangers from the Temple" (detail), Giotto, Scrovegni Chapel, Padua, 1304-06.

ers from the Temple" (Figure 4), Jesus comes alive. And yet, Giotto's rendition of his face is faithful to tradition.

By the middle of the 15th Century, when the Italian Renaissance was in full flower, the image of Christ in art begins to take on a somewhat different aspect, as can be seen in the detail from a beautiful painting of "The Baptism of Christ," by Piero della Francesca

A look at some of the earlier portrayals of Jesus makes the point (Figures 2-6).

Figure 2 is a Byzantine icon from the 13th Century, quite typical of religious images of Jesus for hundreds of years. Notice the stylized, immobile features of the face, the pale skin, long narrow nose, tiny mouth. This image, and others like it, were based on what were believed to be holy relics, such as the Shroud of Turin (Figure 3), which were accepted as miraculous imprints of Christ's face. As late as 1958, Pope Pius XII approved the Shroud for devotion by Roman Catholics, as the face of Jesus.

There was a dramatic shift at the dawn of the Renaissance. As early as the first decade of the 1300s, the great Florentine artist Giotto (a collaborator of Dante Alighieri) began to set his figures free from the two-dimensional, stylized, fixed-stare mode we saw in the Byzantine icon, and instead, we now see them moving about in space, in a believable, if not yet scientific, perspective. In this detail of a fresco in Padua, "Driving the Moneychangers

FIGURE 5



Wikimedia Commons

"Baptism of Christ" (detail) Piero della Francesca, 1448-50.

(1450) (**Figure 5**). Here, the figures begin to assume a Classical form, reflecting Renaissance humanism's revival of Classical Greek ideals; they have become fully three-dimensional, unlike the Byzantine icons. Still, Christ's face is nearly identical to the 13th-Century image (Figure 2).

One of the most intriguing and audacious images of Christ is the "Self-Portrait as Christ," of 1500 (**Figure 6**) by the German artist Albrecht Dürer (who was greatly admired by Rembrandt). Here again, despite the decidedly secular presentation, the face of

FIGURE 6



"Self-Portrait (as Christ)," Albrecht Dürer, 1500.

Dürer/Christ bears a strong resemblance to the earliest images.

As we can see, this image became the template for thousands of depictions of Jesus, both in the Orthodox and Roman Catholic churches, even into the time of Rembrandt, who would himself rely on this tradition—until 1648.

Rembrandt's Jesus Is the Metaphor for Westphalia

The Paris-Philadelphia-Detroit exhibition pulls together, from six cities in three countries, a series of heads (*tronies*, the Dutch word for head), small oil paintings on wood, of a single model representing Jesus (see **Figures 7-9** for three of them). Three of these were listed in the inventory of Rembrandt's possessions in the 1656 bankruptcy. That these were meant as "sketches" for more finished works can be demonstrated by the fact that the same face appears over and

FIGURE 7



Detroit Institute of Arts

"Head of Christ," Rembrandt, 1648-54.

over in Rembrandt's portrayals of Jesus in paintings and etchings.

Most prominent among those works are the previously mentioned "Supper at Emmaus" of 1648, and his famous "Hundred Guilder Print" of 1649 (**Figure 10**). In this work, we find Rembrandt's most powerful expression of the ecumenical principle, or *agapē*, embodied in the 1648 Treaty of Westphalia: that the greatest good, was to act for "the Benefit, Honor and Advantage of the other."

In Rembrandt's etching, also known as "Christ Healing the Sick," or "Bring the Little Children unto Me" (and sometimes referred to as "Christ Preaching"), now, the Jewish Christ, clearly based on the "Faces of Jesus" (Figures 7-9), is at the center of the composition; he is radiant, illuminated by his love of the people who have come to be healed, both physically and spiritually. As in the "Supper at Emmaus," he is framed by the suggestion of a large arch, which creates a chiaroscuro effect against the brightly lit scene in the foreground. The New Testament passage that Rembrandt has chosen to illustrate is from the Gospel of Matthew (19:1-30): "And great multitudes

FIGURE 8



Philadelphia Museum of Art/John C. Johnson Collection

"Head of Christ," Rembrandt, 1648-56.

FIGURE 9



Staatliche Museen zu Berlin, Gemäldegalerie

"Head of Christ," Rembrandt, 1648-50.

FIGURE 10



Metropolitan Museum of Art/Havemeyer Collection

"The Hundred Guilder Print" ("Christ Healing the Sick"), Rembrandt, 1649.

followed him; and he healed them there."

The multitudes enter through a gate at the right: Here are the sick, the crippled, the aged, who beseech His help. At the left are the Pharisees, the Jewish sophists, who hope to discredit Jesus, with spurious arguments. In front of them, two mothers approach Christ, offering their children for His blessing, as Peter (who looks ever so much like images we have of Socrates), at Christ's right hand, tries to hold the women back, but Christ reproaches Peter: "Then were there brought unto him little children, that he should put his hands on them, and pray: and the disciples rebuked them. But Jesus said, 'Suffer little children, and forbid them not, to come unto me: for of such is the kingdom of heaven.'"

Seated between the two women, a youth is deep in thought; he is the rich young man who came to Christ

seeking eternal life. Jesus tells him: "If thou wilt be perfect, go and sell that thou hast, and give to the poor, and thou shalt have treasure in heaven: and come and follow me." But when "the young man heard that saying, he went away sorrowful: for he had great possessions." Jesus tells his disciples, "It is easier for a camel to pass through the eye of a needle, than for a rich man to enter into the kingdom of Heaven." And if you look hard, as the crowd enters from the right, among them, there is the camel, just inside the gate!

Rembrandt conveys Matthew's summation, "Many that are first shall be last; and the last shall be first," by presenting the poor and the sick with more precise definition, and greater substance, than the rich and powerful. In doing so, he gives us a rich visual metaphor for the principle of *agapē*, so beautifully enshrined in the Treaty of Westphalia.

To Get Glass-Steagall In, Get Obama Out!

“Getting Obama out is the absolute necessity, without which, you will never get Glass-Steagall!” asserted Lyndon LaRouche on Nov. 1. Despite extraordinary progress in Congressional support for H.R. 1489, Rep. Marcy Kaptur’s bill to restore the FDR measure, the effort is jammed up, at the top. And the “top” is Obama, who has to go.

From the time in September 2008, when LaRouche specified the urgent requirement for reinstating Glass-Steagall, the LaRouche movement has indeed catalyzed a powerful campaign for its revival. A number of stalwarts in the House and the Senate took up the cause in the 111th Congress, notably, Sens. Maria Cantwell (D-Wash.) and John McCain (R-Ariz.) and Reps. Maurice Hinchey (D-N.Y.) and John Dingell (D-Mich.), but they were defeated by the Wall Street-owned Obama Administration and its allies. In fact, the Hinchey bill to restore Glass-Steagall never got more than 10 or so sponsors—compared to the 50 who have now signed on for Kaptur’s bill.

In fact, the roster of 50 Congressmen who have signed up are but a pale reflection of the actual support for shutting down Wall Street speculators, and re-establishing sound commercial banking, which exists within the U.S. population. Trade unionists, farmers, poor people, professionals—anyone oriented to actually restoring a physical economic base for the U.S. economy—are mobilizing for Glass-Steagall in their communities, in the blogosphere, with letters to the editor, and anything else they can come up with. The long list of institutional support for H.R. 1489 that can be found on the LPAC website is just a footprint of a storm of activity.

Among prominent economists and economic journalists, the momentum is growing. Even former Fed Chief Paul Volcker, who settled for a

lesser form of regulation, against his better judgment, came out in an interview with the *Financial Times* last week touting the toughness of Glass-Steagall on the banks’ speculation. And *Forbes* magazine has featured articles promoting Glass-Steagall recently at least three times!

Yet, LaRouche was correct in saying that the movement for restoration is currently stalled. One crucial sign is the continued delay in the submission of a companion to H.R. 1489 in the Senate, despite public declarations by Cantwell and McCain that they will do it. Another is the abject failure of the top layers of the U.S. labor movement, who have formally endorsed H.R. 1489, to take public and aggressive action in favor of its implementation.

It’s totally fraudulent to say, as they are, that they are “fighting to save entitlements” if you refuse to *stop the bank bailouts* by reinstituting Glass-Steagall!

The problem, as LaRouche put it, is this: The official political leadership is refusing to represent the interests of the people, because it is instead kowtowing to the “Emperor Nero” Obama. Leaders in Congress and the unions who know better have decided to act like stinking cowards, and ignore the fact that Obama’s policies are leading our nation, and their constituents, straight to Hell. They are threatening to leave people no alternative other than exploding in rage, or despair.

The key, LaRouche emphasized Nov. 1, is to remove Obama, for causes amply available under U.S. Constitutional law. With Obama out, the lid will come off, and hope can be restored to the population, that they can recapture their country, and secure the future.

So, fight like hell for Glass-Steagall. But first, oust Obama!

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