

# EIR

Executive Intelligence Review

May 4, 2012 Vol. 39 No. 18

[www.larouchepub.com](http://www.larouchepub.com) \$10.00

The Queen's Science? Fascist Austerity and Genocide  
R2P, 'Atrocities Prevention': Obama's Road to War  
Zepp-LaRouche: On the Global Crisis, Europe's Future

## Liam Halligan & the British Option: Time for Glass-Steagall in Britain?



Founder and Contributing Editor:

Lyndon H. LaRouche, Jr.

Editorial Board: Lyndon H. LaRouche, Jr.,  
Antony Papert, Gerald Rose, Dennis Small,  
Edward Spannaus, Nancy Spannaus, Jeffrey  
Steinberg, William Wertz

Editor: Nancy Spannaus

Managing Editors: Bonnie James, Susan Welsh

Technology Editor: Marsha Freeman

Book Editor: Katherine Notley

Graphics Editor: Alan Yue

Photo Editor: Stuart Lewis

Circulation Manager: Stanley Ezrol

#### INTELLIGENCE DIRECTORS

Counterintelligence: Jeffrey Steinberg, Michele  
Steinberg

Economics: John Hoeffle, Marcia Merry Baker,  
Paul Gallagher

History: Anton Chaitkin

Ibero-America: Dennis Small

Law: Edward Spannaus

Russia and Eastern Europe: Rachel Douglas

United States: Debra Freeman

#### INTERNATIONAL BUREAUS

Bogotá: Javier Almaro

Berlin: Rainer Apel

Copenhagen: Tom Gillesberg

Houston: Harley Schlanger

Lima: Sara Madueño

Melbourne: Robert Barwick

Mexico City: Gerardo Castilleja Chávez

New Delhi: Ramtanu Maitra

Paris: Christine Pierre

Stockholm: Ulf Sandmark

United Nations, N.Y.C.: Leni Rubinstein

Washington, D.C.: William Jones

Wiesbaden: Göran Haglund

#### ON THE WEB

e-mail: [eirns@larouchepub.com](mailto:eirns@larouchepub.com)

[www.larouchepub.com](http://www.larouchepub.com)

[www.executiveintelligencereview.com](http://www.executiveintelligencereview.com)

[www.larouchepub.com/eiw](http://www.larouchepub.com/eiw)

Webmaster: John Sigerson

Assistant Webmaster: George Hollis

Editor, Arabic-language edition: Hussein Askary

EIR (ISSN 0273-6314) is published weekly

(50 issues), by EIR News Service, Inc.,

P.O. Box 17390, Washington, D.C. 20041-0390.

(703) 777-9451

**European Headquarters:** E.I.R. GmbH, Postfach

Bahnstrasse 9a, D-65205, Wiesbaden, Germany

Tel: 49-611-73650

Homepage: <http://www.eirna.com>

e-mail: [eirna@eirna.com](mailto:eirna@eirna.com)

Director: Georg Neudecker

**Montreal, Canada:** 514-461-1557

**Denmark:** EIR - Danmark, Sankt Knuds Vej 11,

basement left, DK-1903 Frederiksberg, Denmark.

Tel.: +45 35 43 60 40, Fax: +45 35 43 87 57. e-mail:

[eirdk@hotmail.com](mailto:eirdk@hotmail.com).

**Mexico City:** EIR, Ave Morelos #60-A, Col Barrio

de San Andres, Del. Azcapotzalco, CP 02240,

Mexico, DF. Tel: 5318-2301, 1163-9734, 1163-9735.

Copyright: ©2012 EIR News Service. All rights  
reserved. Reproduction in whole or in part without  
permission strictly prohibited.

Canada Post Publication Sales Agreement  
#40683579

**Postmaster:** Send all address changes to EIR, P.O.  
Box 17390, Washington, D.C. 20041-0390.

# EIR

## From the Managing Editor

In this week's *Feature*, Lyndon LaRouche again succeeds in tweaking our sensibilities, by presenting the ironic juxtaposition of the "darkest hour" of the moribund British Empire—evoking the "Blitz" of Churchill's London—and the suggestion that it were time that the British adopt FDR's Glass-Steagall program to rescue its bombed-out economy. Under the title, "Liam Halligan and the British Option: Time for Glass-Steagall in Britain?" LaRouche writes: "the only practicable source of a recovery of western and central Europe from that presently accelerating danger, would appear to be the launching of a general, decently coordinated 'Glass-Steagall' action, an action which would be a virtual 'carbon copy' of the original form of that law. The initial benefit which Glass-Steagall would provide today, would be only an indispensably preliminary step toward its follow-on effect in preparing the way, immediately, for establishing a physical, rather than monetarist form of public banking system in the U.S.A. and other places presently."

In Helga Zepp-LaRouche's "Dialogue with Spain and Portugal: On the Global Crisis and the Future of Europe," a transcript of her April 27 webcast, she poses the question, "Are we, as mankind, fit to give ourselves a government which takes care of the well-being of its people?"

"The British Queen's Science? Fascist Austerity & Genocide," by Nancy Spannaus (*Economics*), makes clear that the enemies of mankind do not intend to go quietly into the night. Rather, under the British Royal Society umbrella, they have mounted a renewed drive for global depopulation, whose stated aim is to reduce the number of humans on the planet from 7 billion to 1.5 billion.

The *International* lead, "R2P, 'Atrocities Prevention': Obama's Road to Nuclear War," by Michele Steinberg, examines the Administration's efforts to assist the depopulation policy by pushing for "preventive" wars against national sovereignty, starting with Iran and Syria. There are also updates from Israel, Italy, and Sudan.

Finally, in *Science*, an exciting report by Creighton Jones from the NASA Astrobiology conference in Atlanta, where members of the LaRouche Basement scientific team presented aspects of their work, and interviewed the renowned physicist and space scientist, Dr. Claudio Maccone.



## Cover This Week

*Queen Elizabeth II is celebrating her Diamond Jubilee this year, while the British population's standard of living is plunging, as seen in this August 2011 photo following riots in London.*



Queen Elizabeth II: Agencia Brasil/Ricardo Stuckert

### 4 Liam Halligan and the British Option: Time for Glass-Steagall in Britain?

By Lyndon H. LaRouche, Jr. The *Daily Telegraph*'s Liam Halligan appropriately warned, "Eurozone crisis roars back to savage Spain." LaRouche writes that "the United Kingdom is presently trapped in virtually the same financial quicksands of what has been 'unchristened' as 'governance,' as in the rest of western and central Europe: more or less, case by case, but often from immediately opposing sides in the general ferment." Halligan's warning "should have impelled what remain as thoughtful Britons to seek an appropriate route of escape from the oncoming ruin of the United Kingdom and other nations. In brief: *A lesson so learned might be a better destiny won.*"

## Helga Zepp-LaRouche Webcast

### 20 A Dialogue with Spain and Portugal: On the Global Crisis and the Future of Europe

In a webcast simultaneously translated into Spanish, Zepp-LaRouche declared that her purpose was "to address ourselves especially to the people in Spain and Portugal who are hit right now with the consequences of a completely incompetent, and I would even say, malicious policy on the side of the European Union. . .

### 28 'Open Letter for Spanish Science'

## Economics

### 29 The British Queen's Science? Fascist Austerity & Genocide

The April 2012 report "People and the Planet," issued under the name of the British Royal Society, is a high-level call for the British monarchy's program of fascist austerity and genocide, in the explicit tradition of the Club of Rome, the International Panel on Climate Change, and the World Wildlife Fund.

### 33 Obamanomics Infects Social Security

### 34 Irish Referendum: Fear Is 'Yes' Camp's Only Tactic on Treaty

An interview with Irish parliamentarian Thomas Pringle.

## International

### 36 R2P, ‘Atrocities Prevention’: Obama’s Road to Nuclear War

In a performance at the Holocaust Museum in Washington that rivaled Israeli Prime Minister Benjamin Netanyahu’s railing about a new holocaust threat against Israel coming from Iran, Obama launched a plan for preventive war against national sovereignty, under the “Responsibility To Protect” doctrine—starting with Iran and Syria.

### 41 Israel’s Top Brass Slam Netanyahu, Barak

### 42 A Replay of 1992 in Italy

Today’s scandals have a familiar stench. Andrew Spannaus in Milan wrote this article for [www.movisol.org](http://www.movisol.org), the website of the LaRouche movement in Italy.

### 44 New Phase of Assault on Sudan Opens with Plan for Long Border War

Lawrence Freeman gives an on-the-scene report from Sudan.

## Science

### 50 LaRouche Basement Team in Dialogue with NASA Scientists

Lyndon LaRouche’s scientific research team brought fresh ideas to a NASA-sponsored astrobiology conference on “Exploring Life: Past and Present, Near and Far,” in Atlanta, Ga. “If mankind is to extend his existence beyond the bounds of the protective womb of Earth,” writes Creighton Jones, “it will require some fundamental breakthroughs in our understanding of how life expresses itself, and what its requirements are for thriving.”

### 52 Protecting Mankind from Extra-Terrestrial Threats

An interview with Claudio Maccone.

### 57 Strategic Defense of Earth: Russia To Put SDE at Top of Agenda

## Interviews

### 34 Thomas Pringle

Pringle, an Independent member of the Irish Dáil (parliament), has begun legal proceedings challenging the Government on fundamental aspects of the treaties with the European Union.

### 52 Claudio Maccone

Dr. Maccone is Technical Director of the International Academy of Astronautics, and the author of *Deep Space Flight and Communications* (2009). He spoke at the NASA astrobiology conference on humanity’s lack of preparedness for an Earth impact of an asteroid or comet.

## Editorial

### 59 Obama Is the Atrocity



LIAM HALLIGAN AND THE BRITISH OPTION:

# Time for Glass-Steagall In Britain?

by Lyndon H. LaRouche, Jr.

April 15, 2012

*In respect to the reporter who has had a named role in prompting the useful consideration of a matter of grave public interest, as in this case of Liam Halligan, I think it appropriate, even obligatory, to lend suitable credit to the person who has prompted the public crafting of a significant contribution to the public understanding of the crucial strategic developments in public affairs.*

*I am responding, thus, to a strategic global crisis whose vortex of action still appears to be clustered chiefly among the trans-Atlantic regions of the world at large. My own immediate intention here, is principally focused on the subject of the global implications of both the presently plummeting economic crisis of the United Kingdom, and the tumult which that brings into the trans-Atlantic region generally: a region which is presently clustered within a wildly accelerating decline into the vortex of a state of onrushing, hyper-inflationary collapse.*

*That special quality of the background of my own present report on that subject here, demands that there be an immediate overturn of what had been historically global strategic processes, processes which had created the urgency of certain crucially needed, sudden and radical corrections of a very dangerous direction in current British policy. Any rescue from this present world crisis, requires the kinds of immediate, systemic corrections which could only be expressed now in the*

*form of a profoundly radical shift in global trends in statecraft. This requires sharp overturns in presently reigning, official opinion throughout the trans-Atlantic regions in particular.*

*What we require, urgently, now, will be radical measures of forward-looking change of applied principle for both British and related policies. Suitable changes, if they occur, will be experienced as the immediate, and radical overturns of certain hitherto prevalent presumptions, presumptions respecting both the evolutionary and even revolutionary development respecting expressions of most among both the ancient through contemporary policies of nations.*

*In that context, it is an exemplary, immediately urgent matter respecting factors afoot now, that a changing view of the history of life itself, especially human life, should now direct the practice of modern science to reject the radically reductionist fiction concocted by the Nineteenth-century Rudolf Clausius and his like. By that, I mean the needed eradication of the politically motivated fiction which had underlain the still prevalent, Nineteenth-century, fraudulent concoction of a so-called "Second Law of Thermodynamics."*

*On this account, the relevant evidence has shown, as since the ordered succession of the excellent work of such as, emphatically, Max Planck, Albert Einstein, and V.I. Vernadsky, that the universality of the particular subject-matter of human life, is to be situated within the determining context of a special sense of a lawful*



Creative Commons

*What the Oligarchical Principle hath wrought: This is what poverty looks like in the U.K., the heart of the British imperial system.*

principle of universal anti-entropy. This principle of anti-entropy, is a certain principle of life, which, to the best of our present knowledge, pertains not merely to life in general, but also remains as an expression of a specific case restricted to that uniquely peculiar property which is specific to our human species.

The pseudo-scientific view of matters, such as that of the mid- Nineteenth-century mathematician Rudolf Clausius' hoax of a "Second Law," is a view which had adopted its roots, not from the actual evidence of the performance of human life as such, but from what are implicitly, errant, radically reductionist notions of the essential meaning of "scientific evidence." Those have been notions traced to such followers of Clausius as a highly relevant case of a Soviet follower of Bertrand Russell, the Alexander I. Oparin, a public figure who remains on record to this date, as a thoroughly wrong-

headed and bitter adversary of V.I. Vernadsky.

The notions of both Russell and his follower Oparin, are among those effects which are still currently attributable, significantly, to the falsehood of a rabidly reductionist, modern academic misrepresentation of both the existence of the human species in particular, and life in general. This has been a notion which has been derived from what is commonly known to history as "The Oligarchical Principle," a principle innate to the notion of the function of what is called "money per se," as the notion of "money" is to be recognized as distinct from that notion of a system of "credit," as distinct from money per se, a distinction which had been built into the design of the original Federal Constitution of the United States of America.<sup>1</sup>

The modern oligarchical notion of money per se, has echoed that same principle which is familiar among such ancient topics as the account of the *Iliad*, as also through the experiences of the "Peloponnesian War," and through the histories of the Roman Empire, Byzantium, and the respectively medieval and modern expressions of those European imperial systems which were descended from the original Roman empire.

These cases include, similarly, the British empire which was a direct offshoot of what had been that same Netherlands-based New Venetian Party which had steered William of Orange and a related class of Anglo-Dutch offshoots, whose ancient influence remains hegemonic among the planet's notably reigning oligarchical systems, still today.

The essential lesson which must guide successful escapes from the presently onrushing, oligarchical disaster of mankind, requires our attention to the urgent need of all mankind for a repeal of the presently still-corrupting residues of the oligarchical tradition.

### **Britain Presently**

The typical result of that oligarchical tradition has been, that the United Kingdom, for example, presently encompasses among its inhabitants, two most notable, mutually contrary contending policies of general social practice of modern human societies.

The first of these two which I reference here, is the

1. Anton Chaitkin, "Image of the American Patriot" (Schiller Institute, December 2007, [www.schillerinstitute.org](http://www.schillerinstitute.org)). Chaitkin's subject included that British scheme which was crafted to defraud the United States, a scheme which was built up around the Puppet-President Andrew Jackson, together with his confederates Aaron Burr, Martin Van Buren, and August Belmont.

humanistic tradition, a tradition like my own, (which relies on the principle of the progressively higher energy-flux densities associated with the use of “fire”). This humanistic tradition is to be contrasted with the opposing, oligarchical form, a form which is typified by those reductionist doctrines of practice which have been more ancient than the maritime legend of the siege of Troy. The contrary, reductionist doctrines are best identified as “oligarchical systems”: those are systems modeled on that particular oligarchical principle which had been presented in the mid-Nineteenth Century as the hoax known as a “Second Law of Thermodynamics.”

This ongoing contention has now reached the state of affairs along that course of conflict, at which the continued efforts to sustain the hoax known as a so-called “Second Law of Thermodynamics,” tend to ensure a virtual certainty for what would be the early, virtual, or even complete extinction of the human species throughout this planet. That “Second Law,” expresses an intended trend toward extinction, an extinction which has been rendered much more likely by the extremes which are expressed as the current trend of the strategic and the related economic policies of the U.S. Obama administration with its sundry ideological accomplices.

Thus, the issue here, is a matter of the urgency of liberating mankind from the malignant tradition inhering in the function of oligarchical systems.

All of these aforesaid considerations, and more, require focusing our attention on certain, presently little-known, but crucial, scientific considerations, considerations which I shall have summarized by the time we have reached the appendix of this report. Those considerations are essentially the following.

1. First, I shall summarize the immediate crisis-situation, with my special emphasis on the exemplary economic condition in the dominant, northern part of the trans-Atlantic region, and beyond, deep into Asia, and into the prospective rich development of the Arctic.
2. Second, I shall outline the principled features of the crisis from the vantage-point of a physical-economic standpoint, as this is opposed to what might be considered mistakenly by many, as a conventional set of monetarist’s notions.
3. Third, I shall emphasize what was launched by me and others as what has been lately termed, “The Defense of Earth,” and beyond.

4. Fourth, I shall outline the higher, presently almost entirely unknown, higher qualities, which are represented by the physical principles which must begin to be brought into play in the closing part of this present outline of the matter presented here.

---

## I. Name It “Halligan’s Crisis”

---

Initially, I had not intended to react publicly to reference my reading of Liam Halligan’s April 14th **Telegraph** report. That had been the item in which he had delivered an appropriate particular warning: “Eurozone crisis roars back to savage Spain.” But, I had quickly changed my opinion on that point, to place emphasis on the fact that the United Kingdom is presently trapped in virtually the same financial quicksands of what has been “unchristened” as “governance,” as in the rest of western and central Europe: more or less, case by case, but often from immediately opposing sides in the general ferment. His published April 14 warning, while harsh, is not merely appropriate; it could, and should have impelled what remain as thoughtful Britons to seek an appropriate route of escape from the oncoming ruin of the United Kingdom and other nations. In brief: *A lesson so learned might be a better destiny won.*<sup>2</sup>

For example, while the United States economy recently turned into bankruptcy, if the unfortunate “Euro” were to continue along the course of its present, currently accelerating trajectory as an intrinsically hyperinflationary type of collapse, the only practicable source of a recovery of western and central Europe from that presently accelerating danger, would appear to be the launching of a general, decently coordinated “Glass-Steagall” action, an action which would be a virtual “carbon copy” of the original form of that law. The initial benefit which Glass-Steagall would provide today, would be only an indispensably preliminary step toward its follow-on effect in preparing the way, immediately, for establishing a physical, rather than monetarist form of public banking system in the U.S.A. and other places presently.

Nonetheless, consider what would be the effect of a mere resort to the likeness of a constitutional U.S. national credit system based on physical principles, as had once reigned under the leadership of Nicholas Biddle,

---

2. In a good practice of science, we owe credit for those who provoke us into producing reports which are useful presentations of principle.



*Liam Halligan (shown here on CNBC) warned, in the London Daily Telegraph, "Eurozone crisis roars back to savage Spain." Now, the U.K. is trapped in the same financial quicksand as the nations of southern Europe.*

president of the Second Bank of the United States, back then under the principle of U.S. National Banking at that time. Consider that as opposed to a monetarist class of banking systems under the pack of scoundrels, such as Aaron Burr and Martin Van Buren, as directly under the scoundrel known as President Andrew Jackson. This contrast, implicitly elevates a Glass-Steagall reform of today into the role of an indispensable first step required to prepare the foundations for the more profound, long-ranging, and also durable steps of national public banking.

The present obstacle to today's needed return of the United States to the principles of its original U.S. Constitution's reforms, has been, that the monetarists' dupes on both the western and eastern shores of the Atlantic share a temperament which prompts them to adopt the fallacious demands of monetarism itself, that to the effect that the notion of "value" has been subordinated to the merely nominal measure of what is named "money." The latter effect is encountered whenever the monetarist spirits of London, and certain other places, were determined to abandon the practice of actual scientific and related progress in the quality of production as a standard for measuring nominal wealth, such that a virtual monetary Hell would come to reign over any republic, as it is said, "sooner or later," as that

should have been recognized from the effects of that U.S. repeal of Glass-Steagall in the closing moments of the President Bill Clinton Presidency, which had led into the post-August 2007 launching of the present general breakdown-crisis which has been prompted by those frauds against the U.S. Constitution which had been executed under the supervision of the U.S. Federal Reserve System, as earlier by the cabal of such as British Foreign Office assets as Aaron Burr and his accomplice, another Wall Street banker, Martin Van Buren, which had directed the regrettable scoundrel and swindler, U.S. President Andrew Jackson.

In the case of the U.S.A., for example, and beyond, the outbreak of the currently rampant,

trans-Atlantic state of monetary panic had been properly pre-dated by me to a wicked change in direction of U.S.A. policy which had actually broken out in the U.S.A. at the onset of September 2007. *The effect of that September 2007 shift in U.S. policy-shaping became the 2008 outbreak of the "bail-out" panic which began the worst trans-Atlantic financial "bubble" in modern history: the present, wildly escalating, and inherently hyper-inflationary, trans-Atlantic crisis, which has now entered its current "breakdown phase."*

To seek the wellspring for such lunatic pranks as those U.S.A. and European hyper-inflationary "bailout panics," which had been launched by such present schemes, schemes which have varied somewhat from time to time; note that, in the present instance, a wild-eyed commitment to monetarist practices has seized upon the accompanying statements of intent to promote the radical reduction of the population, while savagely destroying the level of efficient per-capita physical output of both produced and consumed wealth, which has been typified by the British-led demands for the collapse of the world's present human population-levels, that from a designated ceiling of seven billions persons, to a ceiling of no more than one billion living persons, or less.



## ***“Who, Then, Is Really Fit To Survive?”***

It happens to be the case, that the existence of what have been known forms of life on Earth, has selectively eliminated the continued need for species of a lower evolutionary characteristic of “energy-flux densities.” To just such comparable effect, a memorably sudden extinction of the intrinsically failed species of dinosaurs, has demonstrated the advantage of the inherently better selection of the seemingly, relatively “cuddly” predecessors of our mammal species, species which had “taken over,” and which, in the course of their continued evolution, had steered the way, in effect, to the emergence of the highest known form of life, that of the specifically unique human species.

The human species consumed relatively more than the inferior species, but was not only better qualified to survive, but was enabled, thereby, to reach beyond mere animal life, to inherit that special development represented by the creation of not only the greater value of the human willful power to live, but *the power to advance its own evolution to qualitatively higher levels voluntarily*, as no other known species could do this.

That much said thus far, the human species can not be competently equated to anything which could be classed, otherwise, as simply “an animal species.”

There is, as I shall emphasize here below, a crucially important history behind the evidence of that absolute distinction of the human species from any merely animal species. To the best of our currently estimated knowledge, what has, ostensibly, emerged on Earth as the human species, has been the expression of that uniquely voluntary power which is well-defined as the meaning of human scientific and equivalent expressions of the uniquely human, voluntary expressions of creativity. These have been voluntary expressions which have not existed in any presently known form of life other than the effect of what is to be identified as the specific function of “the human mind.”

Review a summary of relevant background for approaching this subject-matter of the human creative will.

## ***The Monetarist Folly***

The root of the presently reigning, monetarist’s panic now prevalent throughout the trans-Atlantic system of economy, has been the widely accepted folly of an absurd belief in various forms of “monetary tokens as such.” Such is the silly, but popular belief,

that those tokens are the foundation of the basis for the notion of “value” to be associated with a nation’s, or sundry nations’ economy.

In fact, when the existence of any system of what is merely money, or its like, is regarded as the standard, or “natural” measure for physical-economic values, and when that system defines the notion of “value” attributed to the relevant economy as being inherently of an oligarchical system, the continued existence of mankind is placed in danger.

In the contrary case, such as the founding of the U.S. Federal Constitution, or, briefly, earlier, in the Massachusetts Bay Colony’s Pine Tree Shilling, the public credit system, provides the mechanism unifying the practices of production and trade.

That mechanism of the original U.S. Federal Constitution, which had founded the constitutional law of public credit in the United States had persisted, often stubbornly, until the baldly treasonous conspiracies introduced by the Manhattan swindlers Aaron Burr, Martin Van Buren, and their associated swindlers, under the puppet-Presidency of an Andrew Jackson.

Whereas the genesis of the original American system of political economy had been the prescribed model of the Massachusetts Pine Tree Shilling as a system of public (“national”) credit, until the crushing of the Massachusetts Bay Colony by the New Venetian Party of William of Orange et al.

It has been the offshoots of the practices of the succession of the Venetian monetarists, which have been most notable for imposing and enforcing the monetarist swindle in their times; the same swindle has been the standard of oligarchical practice throughout the greatest part of the well-known history of Mediterranean-centered systems.

In modern history of the trans-Atlantic regions, the proper standard of economic value respecting production and trade, has been the use of the type of the Massachusetts Bay Colony’s and Benjamin Franklin’s “paper money,” as the basis in practice for an implicitly “national” expression of “public credit.” The subjugation of the national economy to a monetarist system, by the attribution of various forms of “specie” as the source of the public “value” of a nation’s, or other currency, degrades the citizens of any relevant nation to the condition of being the subjects of an outside power, as this same effect is generated by such means as gold and silver, or their like. The latter type of system thus becomes the virtual owner of the thus-indebted peoples



*"The root of the presently reigning, monetarist's panic now prevalent throughout the trans-Atlantic system of economy, has been the widely accepted folly of an absurd belief in various forms of 'monetary tokens as such,'" writes LaRouche. Shown: "The Moneylender and His Wife," by Quentin Massys (1514).*

themselves, an implicitly imperial, "outside" power represented by the nation's debt to the "alien" monetarist usurers.

True value of a national economy resides in the nation's debt to itself, as that principle may be extended to a concert of nations through a fixed-exchange-rate treaty system of public credit among nations.

Nonetheless, there has been an alternative to monetarism, to which troubled nations may resort now.

### **Energy-Flux Density**

Up to the present time, mankind's relevant scientific practice had been a fairly reliable scheme for a contemporary representation of the biological history of the net upward emergence and evolution of life on this planet. That evolutionary process corresponds, on balance, to a progression through what are presently defined estimates of a qualitative succession of notional stages, stages presumed to lead into the emergence of a quality

of living species whose qualitatively defined distinction is that of the human species, a species qualitatively distinct from all others known to us presently.

In human terms, it is the cultural rate of increase of what is conveniently identified as "energy-flux density," which determines which set of living species is relatively more "physically fit to live." The specific evil of monetarist systems is to be blamed on those so-called "environmentalist" specimens, which serve as models for species of those classes of humans which have become, eventually, increasingly unfit to live, whether by habit, or lack of the use of all the human species' uniquely voluntary powers for mental development: human beings which can gain the needed voluntary means, ultimately, through access to the practice of upward cultural revolution, as achieved through the reach of mankind's inherently greater "fitness to live" than all other species presently known by us.

This is known to us, thus far, as the uniquely human-species capability to live, which is to be measured in terms of the uniqueness of the dependence of our chosen purposes on the relative unique-

ness of mankind's "use of fire." It is man's voluntary form of creativity, as used to increase what has come to be known as the relative energy-flux density of technology, which reflects both the principle of a culture better equipped to survive, and which also represents the population which can effect the increase of the ability to survive through the means of broadly defined application of what is definable as human scientific, and science-related cultural progress.<sup>3</sup> Thus, we know mankind presently as the only known species which could, and must increase its per-capita density of concentration of power, that per capita and per square kilometer of surface-area of the planet.

Human capacity for survival depends, "practically," on forms of both fire and the equivalent of "fire" which are to be measured in "energy-flux density" of the concentration expressed by the form of

3. This means "Classical humanist forms of culture."



*Mankind's use of fire, as in this blast furnace, is characteristic of man's unique ability to willfully increase the energy-flux density of his technology.*

“heat” passing upward from the standard of local sunbeams, upward, toward the burning of wood, of charcoal, coal, coke, petroleum, high-energy-flux density modes of combustion, into nuclear-fission, into the much more efficient thermonuclear fusion, and to the vastly more effective function of Einstein’s “matter/anti-matter” intentions.

As Albert Einstein had foreseen, and as Bernhard Riemann had previously expressed the relevant, related principle in the concluding summary of his habilitation dissertation, the use of such means as thermonuclear fusion for fueling a procession of acceleration/deceleration breakthroughs in combustion, up to and beyond the optimal use of thermonuclear impulses, makes an ugly moral mockery of the legend of the notion of a self-evidently extant notion of both space and time as such alike, as Albert Einstein’s principles were already notably in accord with this.

Thence, apply those considerations to that matter among those notions which I have placed for consideration here.

The problem in seeking such a rescue as I have emphasized above, would be the need for an action prompted by a sense of an urgently needed benefit for the nations, including such examples as those of continental western and central Europe, as much as the United States itself. That is the only model for available

action which were likely to provide the opening for the urgently needed action for halting that terminal breakdown-crisis which is already careening, at the present time, throughout the trans-Atlantic regions of western and central Europe (and also elsewhere).

For example, we must think of the injection of the original design for Glass-Steagall as proffering the presently indispensable economic “first aid:” an action which clears the way for introducing the more durable and profound remedies. This would mean acting according to a policy of what might be identified as an accelerating rate of increase in the orders of magnitude of “energy-flux density” per-capita and per square kilometer of cross-sectional physical-economic and derived potencies.

To put that larger and longer view in the proper perspective: locate, provisionally, the reform which I have indicated here, as being a notion within the orders of magnitude inherent in the proceeding of the expressed legacy of Albert Einstein’s implicit principle of matter/anti-matter actions. The crucial practical question of policy becomes: how much increase of power to accomplish work might be gained through setting such standards for defining the increase of the potential power expressed through the application of the noëtic potential of the individual human mind?

### ***We Constitute the Core of Our Posterity!***

Capture the grandeur of the possible choice of a great moment of mankind before us.

We are presently in reach of the capability, perhaps within a generation, or, perhaps, even earlier, of attaining the goal of travel from the Moon to Mars at optimally configured thermonuclear velocities, a journey which could be accomplished during a span of a single week, and, then forward from that achievement, onward, some time later, then in the direction of the higher, matter-antimatter velocities of acceleration/deceleration.

For example: among the leading challenges to all nations of mankind, one of the most important of the



immediate challenges, is the exemplary urgency of preventing human life on Earth from being rendered extinct by the impact of some unreasonably large, vagrant rock, or rocks, from “outer space.”

The wistful desire for the charm of some cottage in Scotland would not be endangered by scientific progress of this indicated sort; rather, that progress brings the spiritual warmth of a true charm closer to us all. Only poor fools should think of individual human life as something to be smashed between the fictitious “bookends” of a single individual’s mere birth and death.

The time for this action to be taken is now, now virtually immediate, as I shall craft the argument, accordingly, in other portions of this present report. Or, to put the matter in the following, different way. Exactly what would be the disastrous penalty which Britain, for example, might bring upon itself, if it were so silly as to refuse such a specific form of needed agreement to bring on human prosperity, even continued survival? Should the Briton sit, perhaps plump, flat-bottomed, and supine, awaiting and wasting some expectation of a time of an end-of-it-all, all the while dumbly awaiting an expected extinction of our Sun itself within some part of the span of about a billion or more years until “the great extinction” of our Solar system?

To the best of our present knowledge, only the human species, when being really human in his, or her performance, self-evolves voluntarily into successively higher states of being, always working as the likenesses of creatures of self-increasing power within the universe which we inhabit. We men and women are rightly intended to become servants in the dutiful likeness of a Creator, not like some mere, flatulent herd of cattle. Consider the recently accelerating rates of potential progress of the human species, from ancient forms of simple fire, toward nuclear fission, thermonuclear fusion, matter/anti-matter, and then to higher cultural states of advances effected by the miraculous abilities of the upward evolution of mental powers beyond. We may also consider the curiosities of the Crab Nebula in its recently most active of known modes; let us never become less than as being the quality of being human, so defined.

Mankind is, in principle, an immortal species. Unlike the mere animals, our so-called “death” is not the end for what we have developed to become our own higher form of life: insofar as we rely on those specifically creative, voluntary powers lacking among



NASA

*Within a generation, provided we bring about a sudden shift in policy, we might attain the goal of a week's travel time from the Moon to Mars. Here, an artist's concept of a Mars Reconnaissance Orbiter.*

the beasts. We are to be defined properly by the true meaning which is embodied, not in our deaths, but in the proper further consequence of our mortal existence during and beyond our life-span, an existence whose meaning is that by which we may justly hope that our coming and passing shall lift our species to a still higher quality of existence, all done in our given power as an intentionally creative being, an accomplishment made in the course of the passing of each new generation to rise to an intended higher mission than that before.

### ***The Meaning of Human Generations***

When our Sun will have been gone, mankind must have willed that it itself must continue, willfully, to exist in future times and places. That may be accomplished through our species' development to dwell in prudently created, better places, when our species and our present Sun will have long since parted ways. That transformation of the placing of localities and abilities





*"The most saddening fact of contemporary experience among those still living, is the lack of a vital inspiration respecting the consequences of one's own life for the future benefit of mankind's future generations," writes LaRouche. Here, Rembrandt's "St. Paul in Prison" (1627)*

for distant descendants will occur, on the condition that we have devoted ourselves in timely ways and means, and successfully, to prepare the realization of that inexhaustible noëtic potential inherent in that which is already the potential of our given human nature.

Therefore, what I recognize in the trans-Atlantic part of the world as today's leading problem, is the variously asserted, or merely implicit presumption, that the efficient meaning of the individual human life ends with the death of that individual. I view such a belief as a form of a foolishly practiced evil which implicitly condones all crimes against mankind and Creator alike.

The root of common error in belief and practice, is for me, and I think many others living today, the wrong-headed sort of implicit presumption, that the meaning of the individual's human life ceases with the death of that individual. Granted: there are still religious organi-

zations, and even sole individuals, who will defend a notion of the intrinsic immortality of the individual human life as a sentiment, but who, nonetheless, present no credible expression to that end in their actual experience of a sense of, and active role in the efficient meaning of such a continued influence (as if: "I built that for you!") of the soon-to-become-deceased person in the meaning of the life of the coming future generations.

The most saddening fact of contemporary experience among those still living, is the lack of a vital inspiration respecting the consequences of one's own life for the future benefit of mankind's future generations. That lack is already a terrible thing on its own account.

On that account, the human species is not like any other species presently known to us. On that account, consider the signal Chapter 13 of the Apostle Paul's **I Corinthians**, the which is so widely (relatively) circulated among the formal Christians, and also beyond. The distinction of the human being, is to be recognized in the role of those creative powers of the individual human mind which do not exist in any other presently known creature. These are our access to a true immortality.

Is that religion? For mankind, the intention expressed by devotion of the human individual to such an eternal mission assigned to the future, is the only truthfully ultimate reality.

---

## II. The Principled Features

---

Therefore, continue the present discussion within the scope of homely comparisons, by thinking back to the practical ironies of Winston Churchill's appeal to President Franklin Roosevelt in what had been identified then, sentimentally, as "Britain's darkest hour."

The situation for the British Isles, presently, is of the kind of a somewhat historic importance comparable to what had been the particular case when Winston Churchill had uttered his original appeal for succor to U.S. President Franklin Roosevelt. President Roosevelt and Churchill had never shown to me either then or now, any particular known liking for one another while

Roosevelt was still in office. What remains now as grander than all that, is the matter of a present prospect for the posterity of each and both of our respective nations. Nonetheless, as I have just indicated, the chronic, and deeply embittered conflict of outstanding world-outlook between Roosevelt and Churchill back then, had been of a certain specific relevance for the kind of point of critical comparisons for our studies, today, of the bearing of the history of their trans-Atlantic relations of the past on the future of our respective nations at this present time. We, of both nations, and also of others, probably would not survive the present crisis, unless that kind of relationship itself produced a net result much better than had been done in common prior to this present time.

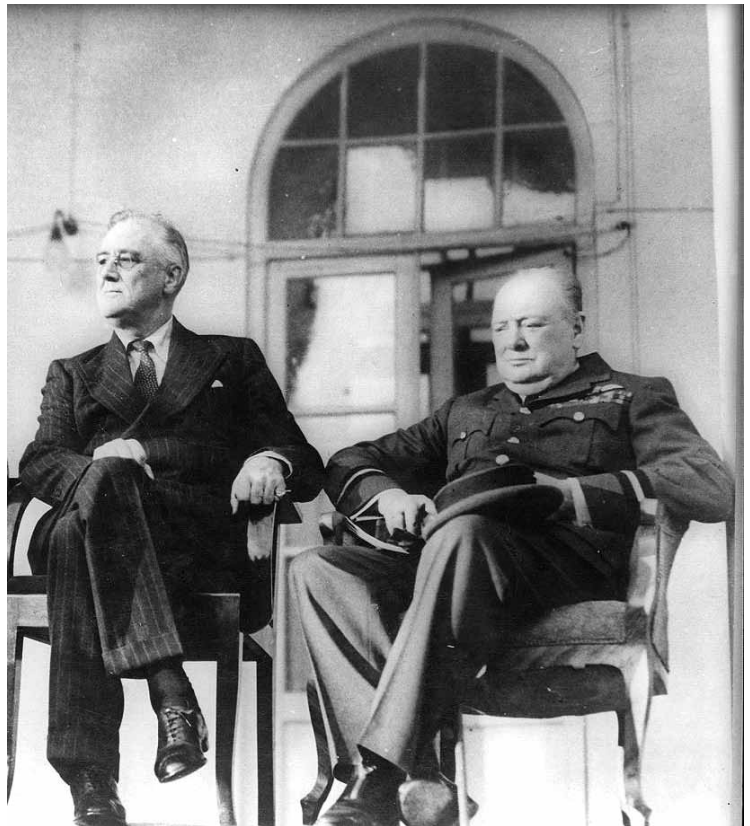
For example, since the stage of development of massed nuclear-fission weaponry since those clearly unnecessary bombs dropped upon Japan at the 1945 close of that war, we have now reached the immediate prospect of a form of thermonuclear weaponry at which the launch on Asia from Pacific and Indian Ocean basings promises an aftermath with the potential for the ensuing extinction of the entire human species. The U.S. forces whose President Barack Obama had launched the virtual entirety of that mass destruction wreaked against Libya, if followed by the Obama administration's intention for setting off the virtual fuses of mass thermonuclear destruction by an invasive assault against Syria and Iran, would be sufficient to set off a chain-reaction response which might send the human species to extinction in the aftermath of such a conflict.

Those who seek to realize goals by initiating such threatened action, would be the worst criminals found in all humanity up to the present date.

I shall come to that matter of the intended outcome of the present threats, within an appropriate point, below; but, let us now examine some most relevant points for this present case, as the following.

### ***The Present European Crisis***

Western and Central Europe are presently gripped by a crisis with certain essential characteristics, including certain critical, inherently hyper-inflationary features of a presently onrushing collapse not much unlike those reached in Weimar Germany in November 1923, but on a virtually global scale. Britain might



Library of Congress

*In "Britain's darkest hour," Churchill appealed to an FDR who was fiercely opposed to British imperial policies, to save Britain, and Europe. Ironically, today, a U.S.A. freed of the Crown's puppet Obama, may once again rescue Europe. The two leaders are shown here at Tehran in 1943.*

wish to place itself "outside" such a misfortunate, and actually already failed state of present continental European affairs; but, such a choice expressing the British empire's presently continued intention would be very, very silly on its part. Now, at this time, Britain itself is now presently gripped by a state of actually accelerating physical-economic conditions of a collapse which is expressed as a general, monstrous quality of hyper-inflationary "breakdown crisis." This represents a quality of a crisis whose combined effects are currently prevalent through all of the trans-Atlantic domain. In general, neither the current policies of the current President of the United States, nor the current, Brussels-centered, intrinsically hyperinflationary, monetarist policies of the so-called European "governance," are actually sane at this time.

The root of the present trans-Atlantic crisis, is to be traced to those World War II, post-Normandy-landing conditions which had reflected President Franklin

D. Roosevelt's sense of his unavoidable obligation to tolerate a Vice-Presidential nominee, Harry S Truman, a nominee whom he would have hoped, might never have been required to actually serve as a U.S. President.

The unpleasant outcome of that state of affairs left behind with the death of President Franklin Roosevelt, meant, under the former Vice-President Harry Truman's administration, a situation had been created, thus, as what became what has seemed to be a sweeping reversal of every valid, strategically crucial point of the Roosevelt Presidency's U.S. strategic outlook for the future of the world, at that time. To a large degree, Truman had acted more like a mere flunky of habituated imperialist Winston Churchill, than an actual U.S. President; or, should we say more appropriately for today's U.S.A. case, a likeness of that wretched puppet of those Wall Street swindlers Aaron Burr and Martin Van Buren, the swindler President Andrew Jackson.

The U.S.A. suffered a similar misfortune with the effects of the 1963 assassination of that President John F. Kennedy, who had represented a return to the directions associated with the Presidency of Franklin Roosevelt. The assassinations of President Kennedy and his brother Robert, unleashed a generally persisting trend toward prevalent national disasters for the U.S.A. The launching of a series of economic and strategic policies directly opposed to both Franklin Roosevelt's and President Kennedy's legacies, has dominated the trend of overall U.S. national policy-making since the assassinations of both President Kennedy and his brother Robert, as continued through to the present time.

To understand the present implications of that history for the present time, consider the following.

### ***The Monetarist Principle***

Speaking of principles of physical science as if in terms of some proverbially "final" outcome, all economic processes must be treated as essentially underlying *physical-economic processes*, rather than merely monetarist systems. Such required physical-economic processes should have been of characteristics measured, ultimately, as per-capita, per unit of energy-flux density, and so on, rather than being a state of affairs subordinated to monetarist systems whose purported principles are never far from the charlatan's.

The monetarist system (the rule by the medium of exchange of what is merely money), as in the practice of folly known as a so-called "principle" of bullion,

promotes an advantage for the cause of the medium of exchange at the price of the looting of the potential for scientific progress expressed in terms of rising energy-flux density: a specific form of progress which is the inherent quality of physical production of active generation of human wealth.

*In other words, as I had already considered this fact of the monetarist system, above, that system is to be recognized as the oligarchical system in principle.* Hence, the present world system today echoes the characteristics of the ancient roots of the system of the "western world's" presently preponderant "oligarchical systems."

Notably, during the interval since the attempted, but failed "right wing" attempt at the impeachment of U.S. President William J. Clinton, there has been a set of bitter consequences reigning in the monetary system, in morality, and in cultural practices of the United States, this most emphatically during the recent nearly dozen years.

That is no mere opinion; the facts show themselves beyond reasonable doubt. The U.S. Glass-Steagall law, which had once rescued the United States under the introduction of the terms of President Franklin D. Roosevelt, had been cast out by an increasingly reckless, and therefore immoral majority of the U.S. Congress. The present conditions of deepening U.S. crisis, a virtual breakdown crisis, has been promoted by the weakness induced by the torment of a thus-wearied President Clinton during some parts of his concluding years in that office.

### ***Brown Brothers Harriman & Hitler***

As a direct consequence of that repeal of the Glass-Steagall principle, the U.S. has fallen increasingly into the hands of wicked trans-Atlantic interests which are typified by those same, London-steered monetarist agencies which had come to be associated with Alan Greenspan since his career with that same Anglo-American firm of Brown Brothers Harriman (of Prescott Bush et al.) which had originally backed Adolf Hitler's rise to power in Germany. Over time, faces, and superficial trends in policies have changed; but, that same specific breed of monetarist traditions, of the political likenesses of the Brown Brothers, Harriman firm, as it had appeared during the Hitler era, have since continued to reign, with a relatively accelerating decline of the trans-Atlantic economies, up through the present time.

Since the recent decades' process of change from the Franklin Roosevelt Glass-Steagall law, the trans-Atlantic world had entered into the critical state of what

has been, since, an accelerating plunge toward economic Hell, in Europe, as in the Americas generally. The worst consequences to date have been those experienced, with the increasing depravity of induced effects, under the succession of the terms of Presidents George W. Bush, Jr., and worst of all, under the classically “Emperor Nero-like” characteristics of a President Barack Obama.

### ***The Rudiments of this Case:***

The considerations which I have now examined for you, immediately above, are essentially those specific to the human species among all known living species. Some people enjoy the hypocrisy of blaming some ill-defined notion of “human nature,” whereas, in fact, the proper name for prevalent customs of society currently were better named “humanity denatured.”

The remedy for such faults of societies in so much of human history this far, is to be discovered as an option more likely to be made available to the informing of the human will through attention to those certain principles of knowledge whose nature I shall summarize in the concluding part of this report.

To put the matter of those principles into perspective, we must first put the subject of “The Defense of Earth” into perspective.

---

## **III. The Defense of Earth**

---

Our Sun is presently estimated, fairly, to destroy itself within the span of approximately two billions years. We must expect that Sun to die in the manner stars otherwise proceed toward their “death,” much earlier than that indicated lapse of time. The time available for human habitation of our Solar system is fairly estimated to be much shorter. We must act on the plausible presumption, that as much time as might be estimated for man’s habitation of the Solar system, contains many doubtful features. Much of the currently prospective, early discovery and scientific progress, must be completed by mankind relatively soon, if the human species is to become enabled to



NASA

*Russia’s proposal for a Strategic Defense of Earth, to be accomplished in collaboration with other nations, is one that must be quickly adopted. Here, the Comet Lovejoy, photographed from the International Space Station, on Dec. 25, 2011, about 240 miles above Earth.*

move to a new habitation outside the Solar system.

The list of the first steps toward that progress must include two challenges to be included on our list. First, the defense of Earth against nasty rocks and relevant other projectiles and hostile streams within, or even beyond the range of our Solar System, and, second, man’s development of Mars as emerging as a principal supplementary base of human operations well within the present century.

Certain early features of this perspective have been made clear, such as the scheduling of flights between our Moon and Mars-landings within a lapse of in-flight time of a thermonuclear span of about “one Einstein-week.” The even much more important consideration is the choices of human attitudes which we may bring to bear on launching such missions to the point of matter-antimatter manned flights to Alpha Centauri. Were Johannes Kepler alive today, I strongly suspect that he would have come to agree with that perspective, had he lived up to our present time.

Bringing mankind to a safe distance from the



“death” of our Sun, is no less than a great galactic challenge. Yet, in principle, all of these tasks, given sufficient time to reach “safety” for our species, are implicitly realistic, given sufficient time, and also sufficient human determination to complete the successive stages of progress of the tasks such a galactic march to such goals implies.

The importance of my stating that in the manner I have employed now, lies within the intellectual bounds of the presently immediate time needed to produce the

---

---

*The most important error respecting the customary functions of the use of the powers of the human mind, is to be recognized as located in what may be regarded as a corresponding, implicitly blinded faith respecting the ordinary powers of human sense-perception.*

---

---

coming generations of scientists and statesmen qualified to grasp the implications of the timely steps of progress which I have outlined in the immediately preceding sketch of our human perspectives. I have solid reason of principle to believe that that perspective is within the design embedded in the intention of the Creator of this universe. I know, with certainty, that the understanding of my argument here, itself, is a possible achievement implicitly existent among the several remaining generations of this present century.

The first next step to be taken now, beyond the missions which have been already considered by relevant scientists, is the “Defense of Earth” against dangerous “rocks” and streams to kindred effect, the which had already struck Earth with great destructive force in Earth’s own prehistoric past. Then, comes the leap in time from seeing Mars as a place from which scientific teams will land and depart, to seeing relevant spans of the past and future history within our Solar system, as a territory which mankind will be enabled to inhabit, at least for some future time. The next great leaps forward beyond that coming relatively long interval of time, will have begun with a systemic capability of general defense relatively soon within the range of our present Solar system. Out of this, will come the experience of man in the process of efficiently viewing our Solar system as a project for extended pioneering within our

galaxy. Once such steps of commitment have become our own, a great leap in mankind’s much better understanding of the more profound challenge beyond that mission will have emerged.

---

## IV. The Higher Physical Principles

---

The most important error respecting the customary functions of the use of the powers of the human mind, is to be recognized as located in what may be regarded as a corresponding, implicitly blinded faith respecting the ordinary powers of human sense-perception. This point is most readily adduced from close study of the systemic contradiction between the respective principles of ordinary sense-perception of the powers of non-living objects by mankind, on the one side, as in contrast to each of the respective experiences of any form of ordinary life in one case, and, in the other, the experiencing of the actuality of human creativity, as in truly Classical musical composition according to J.S. Bach, and as the relevant subtleties of musical composition according to musical “well-tempering” in musical performance, were treated definitively by Wilhelm Furtwängler, and recognized by relevant others.

The most convenient of the representations among such distinctions as these, is to be recognized in the difference of the experiencing of a non-living object, from that of an experiencing of the active expression of a principle of human creativity. The most significant expression of human creativity, is properly associated with the experience of *metaphor* (a.k.a., Johannes Kepler’s crucial notion of a metaphorical principle of “*vicarious hypothesis*,” or simply said of Classical poetry, as that is sampled in the concluding paragraph of Percy Shelley’s “A Defence of Poetry”; etc., etc.).

The intertwined necessity and folly of human belief in the pseudo-principles of a presumed “sense-certainty,” have, so far, customarily blinded that generality of the human population, which now includes, unfortunately, a very large ration of those who intend to be appropriately devoted scientists generally. For the purposes of my publication of this present report, the following, summary report should suffice as relevant illustration.

The problem I shall now address is not an inevitable choice in any meaningful sense; it is a trait rooted in the composition of a presently generally reigning culture whose accumulated effects are attributable to the long

cultural reign of that “oligarchical principle” of such as the legendary Olympian Zeus. It depends, customarily, upon the habits associated with the case of the ancient banning of the authority to use the legendary “fire.” That is the ban, which the legendary oligarchical custom, imposes as part of the package of “population control” and associated relative stupefaction imposed, “top down,” on those deemed the Olympian Zeus’s proper “human chattel.”

I think that it will be sufficient, for this occasion, to present a useful sampling of those issues which I shall have now placed as at hand. Therefore, I write as follows.

### ***Euclid’s & Nietzsche’s Hoax***

Take the case of the exposure of the inherent fraud of what is named as “Euclidean geometry,” a fraud which had been so identified by such relevant authorities as him who has been known, variously, as the “friend of the Christian Apostle Peter,” or who was otherwise known famously to Christian scholars as “Philo Judaeus,” or, to laymen scholars and scientists otherwise, as “Philo of Alexandria.”

For modern scholars and scientists, the doctrine of Euclid is congruent with the dogma of the modern existentialist Friedrich Nietzsche’s “God is dead.” The axiomatic structure of the entire dogma of Euclid, is premised upon the arbitrary, mythical form of presumption that the Creator of the universe had died when the completed perfection of science had rendered the existence of a creator of the universe as “unnecessary.” That, latter prescription is prescribed on the basis of the exact-same, “a-priorist logic” expressed as Nietzsche’s “God is dead,” or the equivalent stated in the form of the argument that “Who had created the universe, has now perfected creation, has, therefore, ceased creating, and is now, therefore, dead.” The “logic” of that is essentially the same as that of the British Bertrand Russell who dictated the same alleged principle of failed biology to his dupe Alexander Oparin.

The proper conclusion to be drawn, therefore, is that the actual a-priorist notion of “mind” shared by Euclid and the syphilitic Nietzsche, as also, the Olympian Zeus, is now, similarly, to be classed as “of the dead.” The logic of Rudolf Clausius’ “Second Law of Thermodynamics,” and of Bertrand Russell’s own creation of his Russian puppet known as Alexander Oparin, are systemic frauds of the same systemically “hereditary” import as those dogmas of Euclid and Nietzsche, as I

have referenced those cases here.

Notably, the follies which I have listed here as representing the same set as that of Euclid, are characteristic of what may be regarded as a certain core of what passes for an ostensibly “official” British ideology, still presently, as Oparin’s role as a puppet-like follower of the late Bertrand Russell, is similarly exemplary.

That much said thus far, what is wrong with what might be termed the “typical academic modern mind” which permits the popularity of such relatively standard academic hoaxes as those? There are two distinct, but ultimately coincidental, systemic qualities of causes to be considered. I concentrate our attention at this point on two categories for consideration:

1. The prevalent basis for the use of systems of human communication, as locatable within the bounds of what is customarily definable biologically as the allegedly “self-evident (axiomatic)” dogma of human sense-perception.
2. The appropriate modern alternative to that systemic crudity of a customary reading of sense-perception, is now accessible to modern science through an alternative, crucial factor of physical-scientific examination of a view of the three categories of substantial phenomena of human physical qualities of mental functions associated with sense-perceptions which are distinguished, as categorically unique, as by V.I. Vernadsky, (a) as non-living, (b) as living, and (c) as systemically noëtic (e.g., specifically human).

In the latter two categories, references aid us greatly in breaching the barriers of customary notions of sense-perception. The key to this qualified solution is to be recognized, and that not arbitrarily, as enjoying the advantage of Classical modes of practice of well-tempered musical composition. My treatment of the three ontological implications so indicated is crucial for demonstrating the proof of my discovery.

I have understood the nature of the relevance of this range of capabilities, but another step forward has been essential for, so to speak, the “closing a crucial empirical gap” to be defined before I dared to presume I had a necessary degree of “grip” over the crucial principles to be identified as the key to the puzzle. This means solving the puzzle posed by the experienced universe, including the solution for the systemically anti-entropic

characteristics inhering in the notion of the ordered evolution of life. That qualified solution is to be credited as the fruit of painstaking efforts inherent in what has been shown in certain related work done by certain of my associates.

I now leave those referenced, other specific aspects of the packaged subject as a whole, to my own work over approximately seven decades. That new part of this puzzle will suffice to present the crucial features of the point which I present here, as follows.



*Classical music “frees us from the enslavement by the crudities inherent in the still conventional approach to the subjects of sense-perception when sense-perception is defined simply and crudely as ‘communication.’” Shown: The legendary Amadeus string quartet, with LaRouche’s late friend, the great violinist Norbert Brainin.*

### ***Classical Music as a Physical Science***

My solution to the indicated riddle is posed as follows.

If and when we approach the subject of Classical musical composition as a key for insight into what is called “physical science,” and if we are working from the ontological basis of the leading work of V.I. Vernadsky, we are enabled, presently, to explore the functional interdependency of the three categories of sense-perception which I have indicated, and do this in a way which is crucial.

The relevant universal principle is to be recognized ontologically, as follows.

This approach to the subject of human creativity affords us a method of escape from the dungeon of heretofore ordinary sense-perceptual practices. A great principle of musical performance, which was presented by the most rigorous experimental method of the late Wilhelm Furtwängler, provides us now with some most crucial assistance in exploring that part of the fundamental principle of the science of the subject of the matter at hand.

What is most crucial in this respect, is that we are thus enabled to present a rigorous approach to matters of sense-perception, an approach which frees us from the enslavement by the crudities inherent in the still conventional approach to the subjects of sense-perception when sense-perception is defined simply and crudely as “communication.”

The solution, whose discovery makes the proper definition of the relevant principle of physical science accessible, is best located in study of the lawful medium of the system of well-tempering according to Johann Sebastian Bach’s tuning of the system of counterpoint at  $C=256$ . The treatment of the subject of counterpoint by Wilhelm Furtwängler is crucial, as is also a scientific experiment, conducted to test my thesis for “natural tuning” with aid of the performance of a truly Classical violin, a principle which was demonstrated with masterly and memorable excellence by my friend, the late master Norbert Brainin.

What the proofs flowing from those lines of investigation

exposed, is that the relevant passages of a composition engage the role of the performance of a Classical musical work in counterpoint which arises as a pre-sensed tone which exists only as a “future” tone which is to be actually sensed, and that truly, before it is actually heard in the equivalent of “normal clock time.”

There is also, as Furtwängler demonstrated, a “ghostly” after-tone a whisper later.

The crucially specific implication of this “ghostly” phenomenon, is fairly summarized as the manner in which the experience of the future precedes, pre-consciously, what is heard as the present.

Experiences of that character are not only innate to human beings, but occur similarly, but with difference in intervals of lapsed time as a specifically different

timing and related characteristics, among animals.<sup>4</sup> The ironies of this type include the effect on musicians (in particular) which include the form of hearing “the idea” of a part of a musical event before that part of the ghostly future music—the experience of experiencing the future—is actually heard by the audience.

These considerations reflect an opposition of the character of the physical space-time of non-living and living processes. Here, we find, for example, the key to the inherent incompetence of statistical forecasting by economists, and, at the same time, the implications of the fact that I, who reject statistical forecasting, have been customarily successful, where virtually all customary forecasters have been almost always perfectly wrong.

There is no “voodoo” or the like involved in setting up these contrasts. The essence of that matter of differing experiences, is that the beliefs of the usual economists suppress the natural forecasting potentials of those who attempt to be statistical or kindred sorts of

---

4. For example, the case of the factor of delay in experiencing earthquakes, among differing species.

economists, whereas I insist on relying on the same powers of foresight where the “kennel-trained economist” (like reductionists generally) both rejects the relevant potentials of the healthier human mind, and imposes an intrinsically incompetent (as if to say “synthetic”) practice instead.

So far, fine and good; but the case for such phenomena as “musical powers of forecasting” has further great qualities of mankind’s ability to “hear the overtones of natural experiences of the universe we inhabit.” Taken as a whole, these are the properly defined kinds of experience which we should associate with true geniuses such as Nicholas of Cusa, Johannes Kepler, Gottfried Leibniz, Bernhard Riemann, Max Planck, Albert Einstein, and V.I. Vernadsky.

All that I have just presented, has a direct connection to something also knowable, but with truly, relatively galactic scope and depth of resonance. What I have written here this far, thunders through the universe in the degree we are enabled to capture the experience of the resonance. Much of that higher resonance is already accessible under the categories of the earlier sections of this present report. Be patient; more is coming.

## Lyndon LaRouche on Glass-Steagall and NAWAPA:

“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.”

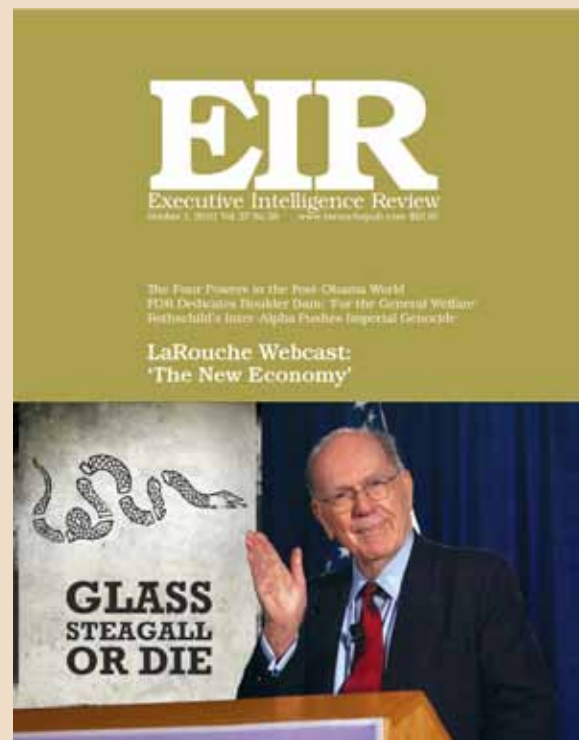
“Put Glass-Steagall through now, and I know how to deliver a victory to you.”

Subscribe to EIR Online [www.larouchepub.com/eiw](http://www.larouchepub.com/eiw)  
1-800-278-3135

For subscription rates: <http://tiny.cc/9odpr>

---

\*The North American Water and Power Alliance





# EIR Helga Zepp-LaRouche Webcast

A DIALOGUE WITH SPAIN AND PORTUGAL

## On the Global Crisis And the Future of Europe

*Helga Zepp-LaRouche, the chairwoman of the Civil Rights Solidarity Movement (BüSo) in Germany, gave this [webcast](#) address on April 27. She spoke in English, with simultaneous translation into Spanish. EIR Ibero-American intelligence director Dennis Small introduced her presentation, describing the financial-economic crisis worldwide and in Spain, where unemployment is now officially 24.4%, and much worse among the youth (50% or more). He described Zepp-LaRouche's work, over many decades, for solutions to the crisis, notably the European Productive Triangle and later the World Land-Bridge. He then turned the meeting over to Kasia Kruczkowski of the BüSo, who moderated the proceedings. We publish here Zepp-LaRouche's opening remarks. Her presentation was followed by more than an hour of dialogue with the audience.*

Hello, I greet you.

I want to speak about the two existential dangers which threaten the existence of mankind right now. One, Dennis already mentioned, and that is, that we're sitting on a volcano, a volcano which could erupt in minutes, in seconds while we are speaking here; or in weeks, leading to a global thermonuclear war. The second, equally existential question is the fact that the present global financial system, but especially the



EIRNS

*The webcast was aimed especially at Spain and Portugal, where the impact of the EU austerity measures is now especially hard-felt.*

trans-Atlantic part of that system, is about to disintegrate.

I think it is important to face these dangers, but let me say in the beginning, that the purpose of this webcast is not to just look at the horrible condition in which the world finds itself. But, the purpose of this webcast is to address ourselves especially to the people in Spain and Portugal who are hit right now with the consequences of a completely incompetent, and I would even say, malicious policy on the side of the European Union, and to start to discuss the fact that Mrs. Merkel is not



Creative Commons/R. Fornell

*A demonstration in Barcelona last year against raising the retirement age as a budget-cutting measure.*

right when she says, "There is no alternative." This is the favorite sentence of Mrs. Merkel; she always says, "There is no alternative to the euro, there is no alternative to the fiscal austerity, to the debt brake, to the bail-outs." Now that is all not true! There *is* an alternative, and that alternative has been tested in history: It is called Glass-Steagall, the banking separation which was introduced by Franklin D. Roosevelt in 1933, and which led America out of the Depression in the '30s. That can be applied today.

There are also other forms of financial systems—you don't have to stick with a bankrupt monetary system. There is the possibility to go to a credit system, and there is quite an elaborated plan for the economic reconstruction of the United States, of Europe, and even of the world economy. And I want to solicit from this program, people from Spain, from Portugal, but also other countries, to help to put together a reconstruction program, which we have already basically ready in outline, but I want to have the collaboration of engineers, scientists, students, trade unions, and other people, to help to put it on the table quickly.

### **The Eurozone Is Finished**

Now, this system is finished. The Eurozone is about to break apart. Nobody knows this better than the people

in Spain, where Standard & Poor's just downgraded Spanish debt by two notches to BBB-plus, three notches above junk status, which means that the interest rate which Spain will have to pay from here on out, for any kind of credit, will become more and more unpayable. Now, to the best of our knowledge, the entire European banking system is bankrupt. And Spain is just the tip of the iceberg, or just one element of this. Dennis already mentioned that at the IMF meeting in Washington last weekend, behind the scenes, there was quite some turmoil. Bankers were talking about an about-to-happen crisis, bigger than Lehman Brothers, with a minimum figure of EU7 to EU8 *trillion* which would be needed to save only the private sector of the European banking system, between now and the end of this year.

Now, this no mere peanuts, this is trillions. And if you add that to the \$29 trillion which had been injected into the American banking system, you already see that we are talking about hyperinflation, because if you start pumping that kind of money into the banking system with no limit, then you are very quickly approaching a situation like that in 1923 in Germany, but this time, in the entire trans-Atlantic region.

Now, this figure was so big, that the IMF, according to reliable sources, decided not to make it public, because they feared it would spread panic, so they decided

to put out the figure of EU3.8 trillion needed, and then they came up with a ridiculous EU430 *billion*, a sum which has not even been brought together, because it has to be approved by all the governments that have to contribute to that by the upcoming G20 meeting in June—so there is a huge gap.

And one day after that, in the *Daily Telegraph*, a journalist, Liam Halligan, said that the problem in the European banking system is that the banks of Europe have trillions of non-reported losses, and that is obviously what they needed this amount of money for.

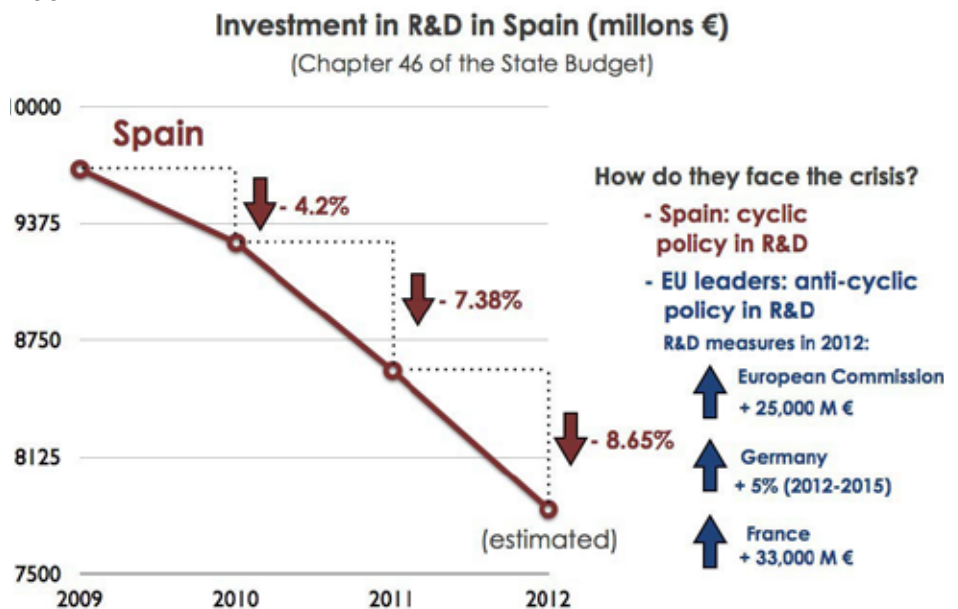
So, we have reached a point where, if you look back at when the financial crisis erupted in July 2007, rather than acknowledging the fact that the casino economy had failed, a process of almost five years of one bailout after the other was put in motion. And these bailouts have done only one thing: They have transformed private gambling debt, casino debt, into state debt.

The states which have made these bailouts, naturally say, “Now we have a state debt crisis, and we need to cut the budget!” So they go to the most brutal austerity programs: They’re cutting health care, they’re cutting science programs, they’re cutting all kinds of pensions, wages, and in that way, ruining the real economy, which is shrinking! The rate of collapse of the real economy in all of Europe, in Greece, in Italy, in Spain, Portugal, but also the so-called “rich countries” like Germany, the real economy is just collapsing. In the United States, the real economy is in a terrible condition.

## Fascism and Hyperinflation

What they have accomplished by these bailout policies, is to basically transform private debt into public debt, and now that they have reached the end of the line, so to speak, they want to have quickly a combination of the so-called Fiscal Union, inserting the “debt brake” into the constitutions of all member-states. Which is insane, because if you have a depression, like we have right now in Europe and in the United States, and you

FIGURE 1



then try to reduce the state debt to achieve a balanced budget, you’re doing exactly the same thing as Brüning did in the beginning of the ’30s, with potentially the same consequences: fascist solutions, both economically and politically.

This brutal austerity is torturing the countries and the people; it’s already committing genocide. If you look at what is happening in Greece, for example, there is no more medicine for cancer patients; unemployment is skyrocketing; people are losing any hope for the future; the young people are emigrating. In Greece, Italy, Portugal, and Spain, you have this phenomenon that the young people and the educated people are leaving, because if you have more than 50% unemployment, obviously there is no hope within this present system.

Now, if you combine that, however, with the idea of a continuation of the bailout of the bankrupt banks, through presently the EFSF [European Financial Stability Facility], and soon—because this was not enough; they couldn’t get the amount of money invested in the EFSF that they had hoped for—they want to move the implementation of the permanent bailout mechanism, the European Stability Mechanism (ESM), up to July 1.

Now, most of you probably know what it is, but let me just quickly say what the ESM would be: The ESM is basically the final step towards a dictatorship in

Europe, towards a European government, which violates almost every constitution. It violates the German Grundgesetz; it violates the ruling of the [German] Constitutional Court, the so-called “Lisbon ruling” of 2009, which said that if there is any more transfer of power to the EU and to Brussels, you need a public referendum.

Now, the people who want to push through the ESM do not want a public referendum; they want to have this mechanism, which would be a Governors Council which would consist of the finance ministers of the member-states, combined with a so-called Directorate, which would be appointed officials, not elected, not accountable to anybody; as a matter of fact, their unaccountability would go so far, that they would be legally completely immune. No state attorney could ever investigate them, challenge them, no banking supervision body could ever look to see if they are competent or not; they would have enormous funds, and they could, with seven days’ notice, tell any member-country to give whatever sum is required, without allowing any opposition from that the member-country.

Now, this is opening the floodgates to hyperinflation, for sure.

And then, they would have the right to speculate with that money, on the primary and second financial markets, again, without supervision and accountability.

Now, one of the many, many anti-ESM citizens’ initiatives which have sprung up like mushrooms in recent weeks, has pointed out that if you create, on top of the EU, such a “law-free zone,” which no state attorney, no judge, no police, nobody can look into, and which would have control over, theoretically, unlimited funds drawn from the state budgets—well, if it’s not yet illegal, it will attract the mafia, like honey attracts bees. Because, if you have such an area, think of all the corruption cases—if you think of the Madoff scandal, if you think about the Angelides Report going into the criminal activity of many of these investment banks, of the hedge funds—you are looking at the *permanent* establishment of the mafia on top of the EU.

You may think that this is a little bit far-fetched, but just look at the history, or look at a recent interview, which the former representative of the United Nations fighting drugs, Dr. Antonio Maria Costa, gave to EIR News Service [in last week’s *EIR*], where he pointed out how, in the banking crisis, the only reason why the

banking system was not collapsing was because of the injection of hundreds of billions, and finally trillions, in drug money. And that that was not something which was offered by the mafia, but it was something in part *looked for* by even bank presidents. Now, that gives you a sense about the interwovenness, and the criminal character, of this present system.

Now, this, if it would come into being, would eliminate national sovereignty, it would establish the EU bureaucracy as a *de facto* dictatorship all over Europe.

## The Lost Chance of 1989-92

And if you look back at how we came to this point, well, this was the *intention* of the authors of the EU from the beginning. If you go back to the collapse of the East German government in ’89, the fall of the Wall, this was the moment when the communist system collapsed and disintegrated between ’89 and ’91. And from our standpoint, this was the great historical chance for Europe: You could have done everything possible, you could have started a new peace order for the 21st Century, you could have turned the world into a functioning alliance of states for development.

Now, we know it did not happen. The reason why it didn’t happen, was because Margaret Thatcher, François Mitterrand, and Bush Sr. decided to prevent the unified Germany from becoming economically strong, and especially to prevent it from playing a role in the reconstruction of Russia. So they decided to impose the euro, even if everybody at that point knew that you cannot have a European monetary union without having a political union, as Chancellor Kohl said many times. Nevertheless, they forced it through, through a whole bunch of very evil maneuvers.

And then, the European Monetary Union was decided in ’92. And at that time, Jacques Attali, who was the advisor of François Mitterrand, said that this is a *plan*—and he admitted it later in interviews—to have a birth defect in the EU Maastricht Treaty, which would force a crisis, and then leave no other chance than a political union.

Now, regarding this political union, if you look at the whole process, from the Maastricht Treaty to the Lisbon Treaty, the EU has become more and more a dictatorship, more and more in the interest of the banking sector, and against the interest of the population. As a matter of fact, you can say that the present EU leadership and the governments which are pro-Eu-



rope have completely separated from the people, and there's a complete disconnect, where the people of Europe no longer have a feeling that they have a place of representation.

## A Casino Economy

This is something which should not continue. The euro may detonate, either because of a bankruptcy of one big bank, or a hyperinflationary collapse. In any case, this failed experiment, which could not function from the beginning, is coming to an end. It was an experiment against which we warned from the beginning: We always said that this is not a primary currency space, because you cannot put countries which are so different in their economic structure, such as Greece, and Germany, and others, into one currency union. So you had, for ten years, stagnating wages in Germany, a shrinking domestic market, and a so-called boom in countries like Greece, Spain, and others. But as it now is clear, that boom was a bubble.

So, in Spain, you now have millions of empty housing constructions, a real estate market which is collapsing and threatening to collapse even further; and it turns out, this boom was a complete bubble, for the speculators.

And now, you have such proposals as that of the American casino owner Sheldon Adelson, who proposes to invest \$35 billion into Spain, to build 11 casinos, with 3,000 rooms each—I mean, that is exactly *not* the way to go! Because we know what comes along with casinos and gambling—it's an increase of prostitution, of cheap labor, tourism, cheap labor for the Spaniards, and high profits for the tourist companies. So this is something which absolutely should not happen.

In Spain you have, right now, a brain-drain, where after several years of cutting science programs, the present government wants to reduce the science and research program by even another 25%. So you have an open letter by the scientists' associations, student bodies, all saying that this would be the end of science in Spain. Now, there have been quite some protests from Indignados, from trade unions, but it has not really functioned as it should have, up to this point.

## There *Is* an Alternative

Now, what I want to initiate, or what we want to have as an ongoing dialogue, is this: There *is* an alternative.

## The Telegraph

HOME NEWS SPORT FINANCE COMMENT BLOGS CULTURE TRAVEL LIFESTYLE FASHION  
Companies Comment Personal Finance Economics Markets Your Business Olympics B

HOME » FINANCE » NEWS BY SECTOR » RETAIL AND CONSUMER

### Casino billionaire Sheldon Adelson plans 'mini Las Vegas' in Spain

Las Vegas glitz could be coming to Spain under plans American casino billionaire Sheldon Adelson has to replicate the Nevada city's famous strip.



It is estimated each casino building could cost the Las Vegas Sands group between \$2.5bn and \$3bn to build. Photo: Adam

*News coverage of Sheldon Adelson's plan to build casinos in Spain. Just what the Spanish economy does not need! (The photo is of the Las Vegas strip.)*

There is only one way the world can come out of this present economic disaster: The *only* way, is if we organize in all European countries, and in the United States, as the absolute first emergency step, a Glass-Steagall accord, exactly in the tradition of Franklin D. Roosevelt. That would mean to separate the banks, to protect, through the state, the commercial part of the banks, so that this part of the banking sector which is serving the real economy is protected. You no longer give bailouts to the investment banks, and especially, you shut down the shadow banking sector. And as the present amount of toxic waste in this investment banking sector goes into the hundreds of trillions worldwide, a lack of their ability to, in a parasitical way, take profit from the commercial banking sector by having access to pension funds, to savings, and so forth, it would just mean that the investment sector would have to declare bankruptcy.

The present condition is so bad—and I'm saying this based on information from the last couple of days—the real economy sector of Greece, Spain, and most other European countries has collapsed so badly, that it is in a true emergency. The same goes for the United States. The real economy in the United States has col-

lapsed in the recent period, almost like a rock falling down.

Now, the condition of the investment banks is so terrible, that if you would just close them down, there is almost no legitimate liquidity left. If you take the bad loans, the toxic waste, the derivatives out of the investment banking sector, there is no more money, or very little—in any case, not enough to restart the economy.

This is why we need them to go to a credit system.

## A Credit System

Most people have no idea what a credit system is, because they think that the economy is money, that it's your bank account, or what you can buy with your monetary values. But forget that: There is no way that part will be saved anyway, because if you have hyperinflation—and we, as Germans, know this from the experience of 1923—hyperinflation is *the most brutal* form of expropriation of the population. In 1923, people were, literally, bringing large amounts of bills in wheelbarrows to the bakery to buy bread, before 12 noon, because then their value dropped again, and it was worth nothing. So hyperinflation is just that. You may think you have EU10,000 for your pension in the bank, but if hyperinflation explodes, that's what you'll pay for a loaf of bread.

So that part has to go! If we don't get rid of this speculative part of the financial sector, nobody will have anything, except maybe some people who think they can save their fortunes in other ways, but they will also be the losers in the end.

So therefore, we need to go to a credit system. Now, a credit system has been applied several times in history, very successfully. The first time it was really developed was by Alexander Hamilton, the first Treasury Secretary of America, after the American Revolution, and it simply means that you give credit from the state in the direction of future production. So if the state says, "Okay, I give so many billions of a credit line, with the idea that the following science-driver projects, the following infrastructure projects, the following R&D facilities, are being produced," then you're giving credit towards future production, and that credit is not inflationary, because *it is the very secret of human labor; that it produces added value*. And therefore, every time this



Deutsche Fototech/Abraham Pisarek

*Women begin the process of rebuilding in Berlin. Germany quickly rebuilt its economy from a rubble-field into the postwar "economic miracle," based on the principles of a credit system.*

credit system policy was applied, you could find that the tax revenues after the project and all its side effects really got going, would be bigger than the initial credit given out.

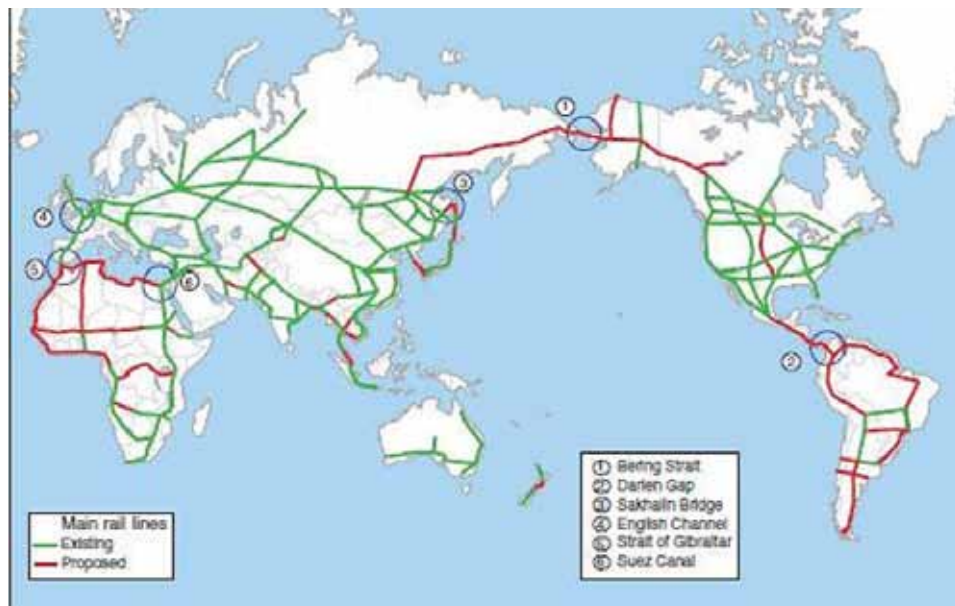
That policy was applied again in America, with the Second National Bank. It was for sure, applied with Franklin D. Roosevelt's New Deal, and his Glass-Steagall and the TVA infrastructure construction. It was used in Germany, in the postwar period, through the Kreditanstalt für Wiederaufbau, the reconstruction after the Second World War, and it allowed Germany to change from a rubble-field in '45, in several years, to become the German economic miracle, which was admired by the whole world. And that was based on the same Roosevelt conception of the Reconstruction Finance Corporation. It was also used by Japan in the postwar reconstruction. And that is exactly what needs to be done now.

## Great Projects for World Development

Now, we have worked for many decades, actually, on such a reconstruction of the world economy; but especially in the last 22 years, after the fall of the Wall, we have worked out the idea of uniting the industrial and population centers of Europe with those of Asia, through so-called "infrastructure corridors." That is, you would take Western Europe and have the old historical, geographical lines, like the Trans-Siberian Railway, the old Silk Road, and other such historic, organic trade connections, and build them up as transport cor-

FIGURE 2

## The World Land-Bridge



EIRNS

ridors, uniting high-speed railway, maglev trains, autobahns, a system of canals, and automated stations for large cargo transport.

You would put energy production and distribution into these corridors; you would build in communications lines. So that, basically, you would create locations attractive for investment for middle-level industry and agriculture, and make the landlocked areas of Eurasia as attractive, as previously, only the ports and cities along rivers and oceans were.

When we proposed this for the first time, in '89 and '90, it was only an idea. We have campaigned for this proposal in the last 22 years; we have had hundreds of conferences and seminars—in Moscow, Beijing, New Delhi, all over Latin America, North America, Western Europe. And if you look at what the present policy is of Russia, of China, of Korea, they are building many of the projects which we had proposed 20 years ago!

This is what we have to put on the table now.

### The Eurasian Land-Bridge

We should build the Eurasian Land-Bridge (**Figure 2**), connecting, for example, the far distant Russia ports of Vladivostok, of the Bering Strait connection to the Trans-Siberian Railroad, all the way to Lisbon, by

maglev train. And that maglev train corridor should then be the connection through the Strait of Gibraltar to Africa.

If you look at Spain and Portugal right now, there is very little industry, there is very little actual development. But if you look at the southern European countries—Greece, southern Italy, Spain, and Portugal—if you had a Marshall Plan, where the Eurasian Land-Bridge comes through the Balkans, rail lines to Greece, high-speed rail lines—right now, Greece is not connected through *any* rail, to the rest of Europe or to Asia. Because of the EU austerity policies, this has been cut! So, you

would take the Russian and Chinese motion towards Greece, and build railways; you would do the same through the southern part of Italy; build a bridge or a tunnel from Sicily to Tunisia, and then have another corridor from the Middle East, through Egypt, into Africa.

The only way we can solve this problem is that we need to have a Marshall Plan for Southern Europe—Greece, Italy, Spain, Portugal—but use that development as a springboard for the development of the Middle East. If we do not develop new water resources in the Middle East, and have real economic development, there will *never* be peace in this region! But, that should be, then again, the springboard for a Mediterranean development program, all around the Mediterranean, and a true infrastructure development plan for Africa.

In the Canary Islands, you have every week people coming ashore, having drowned after trying to escape from the African continent. The EU coastguards are trying to drive these refugees back, and prevent them from entering Spain, or Portugal, or Greece, or Malta—I mean, that's brutal, it's disgusting, and it is no solution. We have to bring development to Africa! This is very easy.



It would be so easy with existing technologies to make an infrastructure program for the entire African continent, to build ports, to build an intra-African, connected infrastructure system, with high-speed rail, river systems to bring the water from the Congo River, through a river and canal system up to Lake Chad, which right now has dried up, down to 10% of its original size. Fill it up, use that water which is now going from the Congo River into the Atlantic Ocean, and bring it into the Sub-Saharan region, to turn it into gardens, woods, agricultural land, and transform the continent of Africa. All of this is possible!



Talgo, Bombardier

*Spain's future lies with high-tech industry and infrastructure, like this high-speed rail manufactured there.*

### **The Danger of War If We Don't Succeed**

Now, I want to put this on the agenda, because we have only two choices: If this financial crisis is not stopped, the danger is that the forces who realize that their banking system is collapsing, will resort to war. Right now, we're sitting on a powder keg; there is an immediate danger that if there are military actions against Syria or Iran, this could, in no time, lead to a war against Russia and China. In this case, thermonuclear weapons would be used, and we are looking at the end of civilization.

Now, that is a danger which is very much on the minds of the American military, who have come out warning against that; it is on the minds of the Israeli military, who have said, if it would come to such a war, it would destroy the region for 100 years to come (but that is probably the underestimation of the century).

So, we are looking at a policy which, if it's continued, can only lead to war and destruction. There is no alternative. We have worked not only on the Eurasian Land-Bridge, but we have in the meantime, developed that to be the World Land-Bridge program for the reconstruction of the world economy.

### **Mankind at a Crossroad**

In America, there is right now a total crisis, but there is also a tremendous drive for a reconstruction. The focus of this is the largest infrastructure program in history, ever. It's probably 50 times as big as the TVA program of Franklin D. Roosevelt. It's called the North American Water and Power Alliance (NAWAPA), and it's the idea to bring enormous amounts of water, from Alaska and Canada, along the Rocky Mountains all the way to Mexico, and to use that water development for the development of agriculture, but also, improving the biosphere, by having new weather systems, new rainfall patterns, it's a complete effort to green the desert.

Now, that gigantic water project would be combined with the idea of developing the Bering Strait, building a tunnel between Alaska and Siberia. When President Putin comes into office in the beginning of May, this will be on the agenda, because he has already declared that the Bering Strait Tunnel will be built, and that is an integral part of the development of the Far East of Russia and the Arctic region, where you find all raw materials and elements which are in the Mendeleyev Periodic Table. There is a gigantic potential to use the



development of the Arctic, as the stepping stone for manned space travel, because many of the challenges go in the same direction.

If you combine that momentum with the building of the Eurasian Land-Bridge, and say, “This old system is hopelessly bankrupt, and we have to have a new plan for reconstruction,” then there absolutely is hope! Spain should do a science-driver project. Rather than allowing all the scientists and young people to leave out of desperation, you have to agree on one, large development program, high science, high energy-flux-density program, to repatriate all the scientists abroad.

Spain is capable of producing high-speed railways. There was just an agreement to build a high-speed rail system in Wisconsin in the United States, through a Spanish firm! Unfortunately, the governor of Wisconsin nixed that program, which is a stupidity of the first degree. But why should Spain only build high-speed railways in Wisconsin? I think you need to have high-speed rail connections between the Iberian Peninsula and the rest of the Eurasian Land-Bridge. If we build a Transrapid, a maglev train line, from the Bering Strait all the way to Lisbon, it’s only a mere EU450 billion! Now, that has been wasted on the bankrupt banks several times over, but if you build a Transrapid maglev train from the

Bering Strait to Lisbon, that could be one project which would create many, many jobs, and it would be the beginning of a complete transformation of all of Eurasia.

There are similar projects which have to be defined.

I think we are at a crossroads. Mankind has reached a point, where if we continue with this policy of globalization, the policy of empire, the policy of geostrategic conflict, we will probably lead to our own destruction in either a thermonuclear war, or we will destroy the economic basis to a point where billions of people are not going to make it.

But the human being is a creative human being. We are the only species which can willfully change the order of their existence. We have the creative powers, we have the free will, and we have proven many times in universal history, that if man so wills, you can end a Dark Age, and you can start a Renaissance period.

Now, I want to invite you into a dialogue, to do that, because you have, right now, a growing opposition against the present policies. In all European countries, you have motion for Glass-Steagall, but we need to discuss: Are we as mankind, fit to give ourselves a government which takes care of the well-being of its people? And I think, yes! We should discuss it, and we should do it.

## ‘Open Letter for Spanish Science’

The Confederation of Spanish Scientific Societies, Comisiones Obreras (I+D+i), the Federation of Young Researchers, and Investigacion Digna has issued an open [letter](#) to the government in Spain, calling for a halt to the gutting of government funds for R&D. When the letter was first issued in March, the authors, projecting a 8.65% cut over 2011 levels, warned that if ratified, Public Research organs would have suffered an accumulated 30% reduction of their budgets since 2009. Since then, the government has announced that funding for R&D and science will be cut by 25%.

The letter, signed by over 46,000 Spaniards and foreign scientists by late April, warns that the pro-

posed budget “would cause considerable long-term damage to the already weakened Spanish research system, contributing to its collapse.”

“The characteristics of scientific research require decades for the formation of a skilled workforce,” according to the statement. “Spain does not have an R&D private sector that can absorb and take advantage of highly qualified researchers. This human resource, which has been trained thanks to a considerable national investment and is best prepared to contribute to the shift to a knowledge-based economy, will have no choice but to emigrate or leave research altogether. The country faces a multi-generational ‘brain drain’ (from researchers starting their PhDs to those in their mid forties). Spain also risks the chance of undermining the interest in science of the younger generations (now children and teenagers). . . .

“...‘If you think education is expensive, try ignorance’ (Derek Bok).”

# The British Queen's Science? Fascist Austerity & Genocide

by Nancy Spannaus

May 1—With their financial system crumbling around them, the British Monarchy and its hangers-on have launched a new drive for global depopulation, in the tradition of the Club of Rome, the International Panel on Climate Change, and the World Wildlife Fund. Joining the genocide campaign this time is the British Royal Society, a leading arm of the Empire's anti-human policies since its founding in 1660. In April, the Society, whose patron is the raving environmentalist Prince Charles, issued its first report on population, entitled "People and the Planet."

"People and the Planet" is a high-level call for the Monarchy's program of fascist austerity and genocide. In its more than 100 turgid, pseudo-scientific pages, the report's authors argue that population growth must stop, and that consumption by the populations in the developed and emerging economies must be slashed, all in order to reach what they call a "sustainable future." In fact, these measures are already been imposed on the trans-Atlantic world by the Empire's financial system—and they are leading to a breakdown crisis auguring human extinction. In other words, no future.

The last time the Monarchy came out in its own name for its Malthusian depopulation agenda was at the Copenhagen Climate Change summit in December 2009, where it was dealt a sharp setback from leading nations such as China and India, determined to preserve their national sovereignty and right to scientific progress. Now, on the eve of the UN's June Rio+20 confer-



Foreign Affairs Ministry of Denmark

*Prince Charles, the British monarchy's chief spokesman for its program of fascist austerity and genocide, is shown here addressing the UN Climate Change Conference in Copenhagen in December 2009.*

ence, allegedly devoted to population and development, the Monarchy has deployed its “science” arm to try to insinuate its killer views in a different form. But the basic assumptions, and program, are the same.

## Dropping the Mask

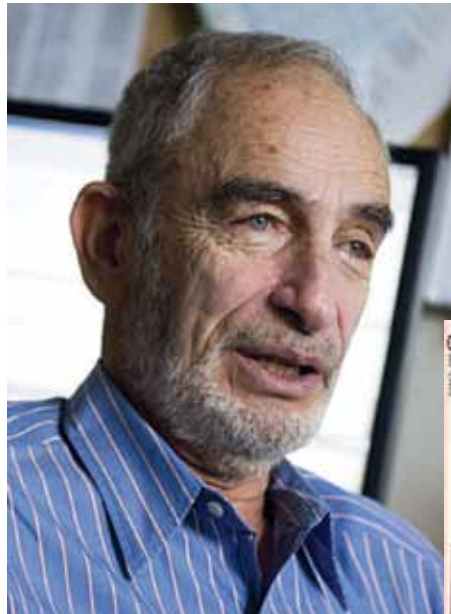
The man described by the London *Guardian* as “the world’s most renowned population analyst,” Dr. Paul Ehrlich of Stanford University, revealed the Royal Society report’s actual intent right away. Called for comment, Ehrlich praised the report and renewed his call for genocide, called “population shrinkage.” Speaking to the *Guardian* April 26, he said:

“How many [people] you support depends on lifestyles. We came up with 1.5 to 2 billion because you can have big active cities and wilderness. If you want a battery chicken world where everyone has minimum space and food and everyone is kept just about alive you might be able to support in the long term about 4 or 5 billion people. But you already have 7 billion. So we have to humanely and as rapidly as possible move to population shrinkage.

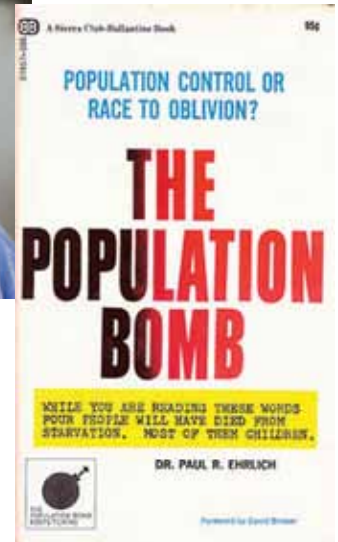
“The question is: can you go over the top without a disaster, like a worldwide plague or a nuclear war between India and Pakistan? If we go on at the pace we are there’s going to be various forms of disaster. Some maybe slow motion disasters like people getting more and more hungry, or catastrophic disasters because the more people you have the greater the chance of some weird virus transferring from animal to human populations, there could be a vast die-off.”

Ehrlich insists that his predictions in the 1968 diatribe *The Population Bomb* have proved correct. He expressed his pessimism about avoiding disaster and called, as does the Royal Society report, for a massive redistribution of resources from the rich to the poor—a grand Second Law of Thermodynamics leveling that will lead to even more rapid genocide.

Ehrlich’s comments are of special importance because of his relationship to the man President Barack Obama appointed as his Science Advisor, John Holdren. They can also be considered a more forthright statement of the intent of the report, which included on its working group Jonathan Porritt, an advisor to Prince Charles, and a top spokesman for groups such as the Optimum Population Trust (now called Population Matters), which



*Paul Ehrlich has reemerged from his crypt, in the wake of the publication of the Royal Society report, by renewing his call for “population shrinkage.” Ehrlich claims that events have vindicated the ghoulish predictions in his 1968 tome, “The Population Bomb.”*



is on record (*EIR*, Dec. 25, 2009) stating that the maximum carrying capacity of the Earth is 4 to 5 billion people, and therefore, population must be slashed.

While Holdren claimed, during his confirmation testimony, that he no longer held the views expressed in a 1977 book he co-authored with Ehrlich, which promoted injecting sterilization drugs into the world’s drinking water supply, his record and statements indicate that he still maintains that anti-science, Malthusian view. In an essay he co-authored with Ehrlich in 1995, Holdren called for a “world of zero net growth” and “population limitation.”

## Genocidal Lies

The assertions of the Royal Society report can be summarized as follows:

- 1) Human population and consumption are having a “worrying” impact on the Earth;
- 2) The planet’s resources are finite—although every model they cite for proof is, by their own admission, flawed.
- 3) The richest parts of the world are consuming much too much, “above the level that it can be sustained for everyone in a population of 7 billion or more.”
- 4) The first step to a solution is to reduce this “unsustainable consumption” in both developed and devel-

oping economies (that includes India, Brazil, etc.).

5) Global population growth needs to be slowed and stabilized, allegedly “without coercion.”

6) Economic activity and “happiness” have to be decoupled from “material and environmental throughputs.”

## Requirements for Survival

As the above assertions show, the Royal Society’s presentation lacks the most basic understanding of the history, necessity, and cause of physical and economic progress, especially as reflected in the metric of an increase in energy-flux density, and in the creative capacity of the human mind. Resources are not fixed, but are *created* by man, through a process of discovery of universal principles, and their application. Only if you believe man is a beast, would you reject that truth, as the Royal Society report does.

Amid an endless series of statistics about demographic trends, and supplies and depletion of resources, such as minerals, food, and energy, the authors repeatedly claim that the relationships among population, consumption, and resources are “complex,” and then proceed to outline the Green fascist agenda of cutting everything in sight.

While prominently displaying a figleaf of concern for the poorest 1.3 billion people on the planet who are barely able to feed themselves, the report’s recommendations of “leveling” consumption would impose the Second Law of Thermodynamics vision of “heat death,” eliminating the advanced capital and scientific capacities on which the survival of the human race depends. Redistribution of current resources is nothing but a chimera for the mickeys.

This is Bertrand Russell’s vision of “humane” international socialism, where everyone gets an “equal” chance to pursue a miserable death—except for those oligarchs who are setting the rules, and steering the world to extinction. Russell knew exactly what he was proposing, and on occasion, would say so; the Royal Society in this report is more coy.

## The Weasel Approach

In the time-honored tradition of its previous luminaries, such as Isaac Newton and Charles Darwin, the Royal Society report reeks of dishonesty, as well as stupidity. The blatant lies of the genocide lobby, such as the canard that the human population has surpassed the carrying capacity of the Earth, or that man’s “ecological

footprint” must be reduced, are mentioned, and characterized as “simplistic.” Yet no substitute for these assertions, whose implications lead to mass murder of the human population, is provided. It is clear that the authors have embraced these genocidal lies—but just don’t want to be caught making such as a “controversial” argument, or laying out the consequences of the outlook they are presenting.

A look at the report’s nine recommendations gives a flavor of the sophistry, and the evil embedded therein.

The first recommendation is to bring the 1.3 billion people living on less than \$1.25 a day out of poverty. This is the soft sell; who could argue with that? But the solutions presented, including reducing inequality, and promoting economic development, education, family planning, and health, are based, first and foremost, on reducing the population. This, despite the fact that the world reproduction rate, as the report documents, is already *below* the replacement level globally. And, as some critics of the report from Britain have already argued, places like Africa, which the Royal Society targets for reducing the birth rate, is massively *under*-populated for modern economic development.

The only way poverty can be reduced is to dump the current bankrupt financial and monetary system, which is based on financial imperialism, and launch huge projects to upgrade the infrastructure of the world economy, especially in those areas where populations are the poorest, such as Africa.

The second recommendation, which receives the greatest emphasis, is that “the most developed and the emerging economies must stabilise and then reduce material consumption levels through: dramatic improvements in resource-use efficiency, including: reducing waste, investment in sustainable resources, technologies and infrastructures; and systematically decoupling economic activity from environmental impact.”

Translated from bureaucratic gobbledygook, this means slashing wages, health care, pensions, protein consumption, electricity usage, and innumerable other *high-energy inputs*, which have been vital to mankind’s qualitative increase in power over nature, and ability to sustain a growing, flourishing population. But the Royal Society wants it to sound non-threatening, so it’s as unspecific as possible.

## Decoupling

Recommendation number 3 is “voluntary” family planning—not surprising—and number 4 is the de-



signed-to-look-innocuous assertion that “population and the environment should not be considered as two separate issues.” The genesis of the latter, according to the report itself, is that, apparently, some of the royal patrons have been quite upset about the resistance to their depopulation plans in the past, particularly at the 1992 UN Cairo Conference on Population and Development, and the fact that that political confrontation led to population issues being downplayed in most subsequent UN conferences on “development.”

Of the remaining five recommendations, three zero in on one of the report’s key sophistical arguments, the assertion that human well-being should be “decoupled” from expanded material consumption. But don’t think this is an attack on crass materialism. What is being argued here is an onslaught against the massive investments in power, water, education, and science that are required to take mankind to the next higher stage of development—from the space program, to hydroelectric dams and nuclear plants, to NAWAPA.

Recommendation 5 calls on governments to “realise the potential of urbanisation to reduce material consumption and environmental impact.”

Recommendation 8 says that “national governments should accelerate the development of comprehensive wealth measures,” in an attempt to brainwash people into thinking that increased throughput—read electricity and the like—are unnecessary, or even antithetical, to their “happiness.”

The most honestly evil recommendation of this trio is Recommendation 9, which reads “collaboration between National Governments is needed to develop socio-economic systems and institutions that are *not dependent on continued material consumption growth*. This will inform the development and implementation of policies that allow both people and the planet to flourish” (emphasis added).

This is a prescription for death, as any sane individual should know, both for the economy and for human beings. As Lyndon LaRouche’s economics has uniquely shown, scientific and technological progress requires an increasing level of consumption, of a higher and higher quality, in order to increase the productivity of labor and of output. It’s not a question of money, but, to the contrary, of physical, social, and cultural resources being made available to uplift a population out of the drudgery of physical labor just to stay alive, and into the ability to exercise more and more power over his or her environment.

This is the process reflected in the progression of mankind’s primary sources of power, going from wood to coal, to oil, to nuclear—each of which is cleaner and better for the environment than the previous, and lawfully, provides mankind with more ability to do productive work with less input. This progression demonstrates the principle of the required increase in energy-flux density, which has been exemplified in the universe at large, in power supply, and is critical to man’s very survival, since at each level of production, the danger of running out of resources always emerges, and must be overcome.

Unlike other rabid genocidal environmentalist tracts, such as that of the knighted John Schellnhuber of Germany last year, in demanding that Germany decouple from nuclear energy, the Royal Society report remains studiously neutral on the nuclear power issue, and eschews any concrete recommendations. One can only chalk that up to dishonesty, because the very framework of the recommendations to stabilize population and reduce consumption relies on the same genocidal assumptions of fixed resources, a finite planet, and man as an animal consumer—not a creature made in the image of the Creator.

The final two recommendations, numbers 6 and 7, are general calls for removing barriers for primary and secondary education for all the world’s children, and funding research on the relationship between consumption, demographic change, and environmental impact. Not really innocuous—because, in the hands of co-thinkers of this group, such “education” and “research” will lead to mass-brainwashing, not knowledge at all.

## **Defeat the Green Ideology**

Back in the 1970s and ’80s, the LaRouche movement went head-on against the Monarchy’s genocidal hired pens, both those who wrote the fraudulent “Limits to Growth,” and Jimmy Carter’s Global 2000 report, and exposed them as the charlatans they were. Rather than fight openly, however, these ideologues, with enormous financial backing, have insinuated themselves into institutions of government and learning globally, seeking to establish an unchallengeable “consensus” that will lead to acceptance of their agenda.

Today, we have reached the point that this Green ideology can no longer be tolerated. Mankind’s very existence is at stake. And the British Monarchy and its stinking ideas must be removed from power.

# Obamanomics Infects Social Security

by Paul Gallagher

April 24—The 2011 Social Security Trustees' Report, with its dire forecasts about Medicare and Social Security, represents the collapse of the U.S. economy under Presidents Bush and Obama, and not anything about the retirement and health-insurance programs themselves. As one economist noted immediately after the release, "Full employment would solve all the system's problems. And if wages rose with productivity growth, as they did until the late 1970s, Social Security would enjoy a perpetual surplus and we could raise benefits."

*EIR* proved this in a number of articles in 2005, to fight off George W. Bush's attempt to privatize Social Security. We showed in detail, that based on the now 75-year successful history of the program—rather than meaningless straight-line "statistical projections" of unknown future economic and demographic conditions—*any time the U.S. economy is generating 1.5-1.75 million or more full-time, well-paying new jobs a year, Social Security's surplus will increase as a percentage of GDP, indefinitely.*

Obama's economic policies, or those of his crisis-stricken City of London and Wall Street overseers, have the opposite effect.

Even Bush, derisively called "the jobless President," was only able to make Social Security withholding tax revenues drop, in absolute terms, in one year, 2004—the first down year in the program's history. Obama has overseen three consecutive years of falling revenue, 2009-11, by a total of \$71 billion. His administration has made no effort to restart productive, full-time employment; it has let real wages fall precipitously, while bragging about "private sector" temp and part-time, low-wage employment; and it has then cut more revenue out of Social Security with a "temporary" 2% payroll-tax reduction, now in its second year.

## Shrinking Workforce, Low Wages

Total Social Security tax revenues in 2011 were \$588 billion, down from \$764 billion revenue back in 2008. Some \$105 billion of this drop comes from

Obama's 2% cut in the withholding tax; the Treasury had to borrow this amount and transfer it to the Social Security Trust Fund to "make up" for the tax cut. But \$71 billion of the drop from 2008-11 is simply revenue lost to employment collapse. For the past two years, the Trust Fund has not received enough tax revenue to pay the benefits, needing to draw on interest from its \$2.7 trillion reserve of Treasury holdings. This has never before happened in the program's history.

The Trustees, in their annual report, cite the reasons: low wages, low employment, and the growing predominance of part-time work—although they also give the obligatory nod to "Baby Boomer generation retirement." They project a continuing fall in real wages, and expect people to work fewer hours "even after a recovery"(!). Not only is Obama still down 4 million jobs, overall, since he took office. Every month on average, two-thirds of the "private-sector job creation" he ritually gloats about is low-wage employment by government definition, paying less than twice the poverty level, i.e., less than \$20,000 annually for an individual, and \$44,000 for a family of four. A majority of that employment is temporary or part-time or both.

Because 2 million working-age people have gone onto Social Security *disability insurance* since 2008 (one response to mass long-term unemployment), the Trustees project that Congress will have to shift funds from the retirement to the disability trust fund, worsening the outlook. For current retirees, they project a 1.8% cost-of-living increase in 2012, which will mean a total of 5.4% *over the past four years.*

The Trustees' report moved forward the date at which Social Security would have to cut promised benefits, by three years to 2033. But this is just a statistician's projection. Under continued economic policies such as those of Bush and Obama, the program will default much sooner than 2033. The U.S. workforce, already contracting under Bush, has shrunk so far, so fast, under Obama, that the critical ratio of employed, "covered" workers, to Social Security beneficiaries, has dropped from 3.34:1 to 2.85:1, just since 2008. Part of this is that economic migration to the United States, at least from Ibero-American countries, has become *out-migration* since 2010.

A launch of national infrastructure missions centered on the North American Water and Power Alliance would rapidly reverse this trend.

# Fear Is 'Yes' Camp's Only Tactic on Treaty

In theory, all nations of the European Union must agree to the financial oligarchy's European Stability Mechanism (ESM) and the Stability, Coordination and Governance in the Economic and Monetary Union (Fiscal Compact) treaties for them to be imposed.

A referendum, currently scheduled for May 31 in Ireland, may put the kibosh on those fascist plans. While the government parties Labour and Fine Gael are waging a propaganda campaign for a "Yes" vote, some independents and the Sinn Féin are mobilizing for a "No" vote in the plebiscite.

Sinn Féin president Gerry Adams launched his party's "No" vote drive on April 26 in Dublin.

"The choice is between austerity, and economic stimulus and growth," Adams said. "The choice is between us handing over powers to unelected officials and bureaucrats in the European Commission and in the European Court of Justice, and allowing them to run this state, and to police fiscal as well as monetary matters. Or we can vote 'No' to this, and assert the right of citizens to elect or sack our governments; and for citizens to have democratic authority over those who govern us."

In mid-April Dáil Member (TD) Thomas Pringle (Independent) announced that he had begun legal proceedings challenging the Government on fundamental aspects of the treaties.

EIR'S Nina Ogden interviewed Deputy Pringle April 27 on the progress of his legal challenge to the referendum on what has come to be known as the "Austerity Treaty."



*Dáil Member Thomas Pringle has initiated a legal challenge to the Irish government's attempt to ram through the latest dictatorial EU treaty.*

## Government Using Illegal Procedures

**EIR:** What is the status of your legal challenge?

**Pringle:** The state has just notified us that they will defend the case. My legal team will discuss a timetable with them today. My legal team will emphasize a sense of urgency, given the fact that the referendum is scheduled for May 31. If they will not respond to this urgency, we would go to the High Court early next week.

**EIR:** Are you looking for something like what we in the U.S. would call a temporary restraining order on the referendum?

**Pringle:** We are saying that they cannot hold a referendum in which they are violating the normal procedures to amend EU [European Union] treaties. The normal procedure is that there is discussion among the Council of Ministers, and then the Council of State, and then you go to a national referendum. This is the normal case.

Then there is a procedure which was used in the previous Lisbon Treaty, called a simplified procedure. This is what the Government and EU are using now. We are saying that the simplified procedure is illegal in this case, and that the normal procedure should have been used.

We are making clear that the Government must undergo the normal procedure to ratify the European Stability Mechanism which amends Article 136 of the EU law.

We are also asking the court to look at the legality of the European Financial Stability Facility [EFSF].

One is dependent on the other. The EFSF and ESM are intertwined, dependent on each other, logically.

**EIR:** Logic doesn't seem to enter into either the EFSF or the ESM. The Government seems to be in a rush to push this through.

**Pringle:** My legal team will be talking to the state's legal team over the weekend. If there is no agreement, then I would expect we will go to the High Court Monday or Tuesday [April 30 or May 1].

**EIR:** I'm sure your case will be watched carefully

across all of Europe, since there has been so much resistance to the EFSF and ESM, especially since the French elections.

**Pringle:** This is very important. Among other countries, you know, there are constitutional challenges in Germany itself, as well as in the Estonian Constitutional Court. And, of course, there is the government of the Netherlands, that has just fallen over the issue of austerity. Since the election in France, this will probably happen even more.

### The Government Is Lying

**EIR:** Is the “Yes” camp in the Referendum left with even a leg to stand on?

**Pringle:** The only tactics they have are fear tactics. They’ll scare people, telling them there will be no more cash in the cash machines. They won’t be able to pay the gardai [the police force—ed.]; Ireland could never get any money from the EU, etc. Fear is a very powerful weapon. The responsibility is on us who are urging a “No” vote to try and encourage people to think things through, and to vote with their heads rather than with the fear in their hearts.

**EIR:** It is as Franklin Delano Roosevelt said to the people of the U.S. when he took office during the Great Depression: “I wish to reassert my firm belief that the only thing we have to fear is fear itself.”

**Pringle:** Exactly.

**EIR:** The Government is making the point that if Ireland needs a second bailout, Ireland will not get funds from the EU, if Ireland were to vote “No” in the Referendum.

**Pringle:** This is an example of simple fear-mongering. The reality is that the bailout was funded by the IMF. The EFSF accepts new applications for funds up to July 20, 2013. So, even if Ireland did have to have a second bailout, it is 100% guaranteed that if the Irish government applied for it by the July 20, 2013 date, Ireland would have to receive the funds, should we need a second bailout.

**EIR:** We’ll be watching carefully to see the results of your challenge over the coming days. The best of luck to you.

**Pringle:** Thank you.

## EIR Special Report

# The New Economics | A Science-Driver Program for Recovery

**EIR**  
Special Report

## The New Economics



February 2012

Price: \$100

(Plus \$10 shipping; Va. residents add 5% sales tax)

Includes a 3-month trial subscription to **EIR Online**

Order from  
EIR News Service  
**1-800-278-3135**

Or online:  
[www.larouche.pub.com](http://www.larouche.pub.com)

This new 80-page report leads with Lyndon LaRouche’s **State of the Union** address, followed by:

### I. NAWAPA

Project Overview

NAWAPA, from the Standpoint of Biospheric Development

### II: Arctic Development

Economics for the Future of Mankind

### III: The Moon-Mars Mission

From the Moon to Mars: The New Economics  
‘The Woman on Mars’ (excerpt)

### IV: Appendix

Constitutional Principles for a Recovery  
Franklin Roosevelt’s 1933 Glass-Steagall Act  
Alexander Hamilton’s Economics Created Our Constitution



# R2P, 'Atrocities Prevention': Obama's Road to Nuclear War

by Michele Steinberg

"Dating backing to the British Empire's pollution of United Nations debates after the dissolution of the Soviet Union, 'Responsibility To Protect,' known as R2P, is not a new concept, but it is now in danger of being pushed through as official U.S. policy under the mentally unfit Obama, through a network of British agent financed by George Soros. Included among its personnel are ... White House advisor Samantha Power; and U.S. Ambassador to the UN Susan Rice. After the Libya resolution and action, it will be far easier to bulldoze through military actions against any country that is deemed to have 'attacked its own population.'"<sup>1</sup>

April 30—In May 2011, months before the murder of the already captured and wounded Libyan President Muammar Qaddafi, *EIR* warned that President Barack Obama would use the British Empire-created doctrine, "Responsibility to Protect," to launch a series of imperialist wars disguised as "humanitarian interventions"—wars that are not in the national interest of the United States, but that of the British Empire's financier oligarchy, to destroy the sovereignty of nation-states, and preserve its own power structure.

Now, unless stopped by Constitutional action to remove him from office either by impeachment, or by

invoking Section 4 of the 25th Amendment, Obama has put the United States and the world on the path to thermonuclear war, because the real targets of this drive for a succession of wars are Russia and China. On April 23, 2012, in a performance at the Holocaust Museum in Washington that rivaled Israeli Prime Minister Benjamin Netanyahu's railing about a new holocaust threat against Israel coming from Iran, Obama launched a full-scale plan for preventive war against national sovereignty—starting with Iran and Syria.

Obama didn't just deliver a speech: He outlined several measures by unilateral executive action that go beyond rhetoric, including:

- convening the first meeting of the Atrocities Prevention Board (APB), under its chairperson Samantha Power, a framer of the R2P doctrine, working for billionaire hedge-fund operator George Soros;
- ordering the 16 U.S. intelligence agencies to prepare a National Intelligence Estimate on the risks of mass atrocities that require U.S. intervention;
- imposing new sanctions against companies doing technology business with Iran and Syria, because these countries have supposedly used technology to deny their populations their "human rights" to use the Internet;
- hosting a hypocritical White House Facebook/Twitter/podcast event on the theme of fighting human-rights violations, in which Samantha Power, Obama advisor Valerie Jarrett, and some dozen other "humanitar-

1. Michele Steinberg, "The British Empire Is Using 'R2P' To Destroy the U.S.," *EIR*, May 6, 2011.



White House/Pete Souza

*At the Holocaust Museum in April, Obama announced his plan for imperial war against national sovereignty—beginning with Iran and Syria—sophistically repeating the phrase “Never again” to the audience.*

ian interventionists” could rant against Syria, Iran, Sudan, or any other nation that is dubbed a human rights violator.

### A ‘Core Interest’

Obama declared on April 23 that the establishment of the APB is a “core interest” of the United States—and his actions were immediately recognized as an implicit announcement that he is planning for war against Syria and Iran. But Obama was not acting on his own; he is acting from a script first spelled out in public in April 1999 by then-British Prime Minister Tony Blair in Chicago. Blair, speaking in the midst of the Kosovo War, declared that the world had entered a post-Westphalian and post-national-sovereignty phase, in which the collective authority of the international community could dispose of any government under the guise of “humanitarian interventionism.”

In fact, Tony Blair, still Obama’s Mideast “Quartet Envoy,” who meets regularly with Netanyahu in Israel, where he has a permanent office, was in the United States in the week immediately before Obama’s Holocaust Museum speech. Blair met with Sen. John Kerry (D-Mass.), chairman of the Senate Foreign Relations Committee, and with UN Ambassador Rice. Whether Blair had another one-on-one meeting with Obama at

the White House has not been disclosed.

“Last year, in the first-ever presidential directive on this challenge, I made it clear that ‘preventing mass atrocities and genocide is a core national security interest and a core moral responsibility of the United States of America,’” Obama said on April 23. That directive, Presidential Study Directive 10 of August 2011, created the APB, and declared the prevention of mass atrocities and genocide to be a “core interest” of the United States. And stopping mass atrocities could mean military action, ordered by the President and Commander-in-Chief, *without consulting Congress*.

“Now ... we’re making sure that the United States government has the structures, the mechanisms to better prevent and respond to mass atrocities,” Obama continued. “So I created the first-ever White House position dedicated to this task. It’s why I created a new Atrocities Prevention Board, to bring together senior officials

from across our government to focus on this critical mission. *This is not an afterthought. This is not a side-line of our foreign policy*” (emphasis added).

Over and over Obama intoned, “Never again,” to the audience at the Holocaust Museum. He added that the Board “will convene for the first time today, at the White House... We’ll strengthen our tools across the board, and we’ll create new ones. The intelligence community will prepare, for example, the first-ever National Intelligence Estimate on the risk of mass atrocities and genocide. We’re going to institutionalize the focus on this issue. Across government, ‘alert channels’ will ensure that information about unfolding crises—and dissenting opinions—quickly reach decision-makers, including me.”

In reality, the grand opening of the Atrocities Prevention Board under the R2P doctrine is “Plan B”—the war against Syria, once the British Empire bloc of nations succeeds in burying UN envoy Kofi Annan’s ceasefire plan. And in lockstep with Obama, groups of treasonous Senators unveiled resolutions for the next war of this new British offensive—against Syria. One group, of Senators—Lindsey Graham (R-S.C.), Richard Blumenthal (D-Conn.), and John McCain (R-Ariz.)—introduced a resolution that denounced the Syrian government for “ongoing crimes against hu-

manity,” and called upon President Obama “to refer the situation in Syria to the newly established Atrocities Prevention Board and other available international legal processes.”

Kerry then announced that he would be introducing another bipartisan Senate bill—S.2381—to strengthen the State Department’s Rewards Program for capturing accused human rights violators whose alleged actions fit under the APB’s rubric. Then, on April 26, Kerry also rammed through the Senate Foreign Relations Committee, a resolution calling for the overthrow of President Bashar al-Assad—but not without intense debate.

### **Backlash in the U.S. and Israel**

But in the wake of this announcement of the APB meeting, following months of Anglo-American propaganda for war against Syria, and for an Israeli attack on Iran, an unexpected backlash—first in the United States, including from U.S. Senators, and now even more stridently inside Israel—has put both Netanyahu and Obama on notice that their insane actions to bring the world to the brink of nuclear war will be resisted.

From the pages of activist websites such as antiwar.com, to senior members of the U.S. Senate who opposed the Libya War, to the legal experts who have outlined the arguments for impeaching Obama, the APB announcement caused an explosion of opposition. Inside Israel, an interview with Israeli Defense Forces Chief of Staff Benny Gantz on April 26, hit Netanyahu like a bolt of lightning. And before Netanyahu could fully recover, Yuval Diskin, the former head of Shin Bet, the internal security service, gave a speech in which he denounced both Netanyahu and Defense Minister Ehud Barak as leaders he knew “up close” and would not trust with taking the world to war with Iran (see below).

While U.S. institutions’ attacks on Obama have been far less hard-hitting, the legal implications, coupled with the nationwide organizing by the LaRouche political movement to remove Obama from office, could be far more definitive.

Beginning on April 17, when Senator Kerry, immediately following his meeting with Blair, held a hearing to plan so-called “safe zones” in Syria, two Republican Senators, Bob Corker of Tennessee and Ranking Member Richard Lugar of Indiana, attacked the policy as nothing but a continuation of the illegal war against Libya, which they had opposed. In addition, Corker forecast that the Blair-Obama “Plan B” for war against

Syria will involve the U.S. in war with Russia.

“[I]f we keep going down the path of the armed rebels . . . and—and [think] just how that ends up. So—so for that [“safe zones”] to happen, our military is going to be involved in some form or fashion,” Corker warned. “Arming rebels obviously is the opposite of what Russia is now doing. They’re arming Syria. So play that out if you will and—and take us—you know, where does that go? *Because it would involve us having, I would think, some type of boots on the ground or something else happening in that regard in direct conflict to another P-5 member*” (i.e., Russia) (emphasis added).

At the same hearing, Lugar, who had been quite strenuous in opposing Obama’s illegal Libya War, said that it is “almost an illusion that our overall goal is somehow to formulate a government that is acceptable to the Syrian people,” through “some degree of citizen participation and democratic procedures. . . .” Evoking the lies about Libya told by Obama, Lugar added that the idea of establishing “safe zones” “may not be a full-scale military operation, but it does have implications” of a military operation. . . . Why, at the present time, first of all, have we been so intent on the fact that Assad must go?”

By April 26, a stormy mark-up session on the British Empire-inspired Senate Resolution for the overthrow of President Assad found Corker and Lugar openly battling Kerry and Obama on the R2P doctrine, and leading a revolt of five Republican Senators on the Foreign Relations Committee in opposing the bipartisan overthrow bill.

The five Republicans were joined by Democratic Sen. Jim Webb of Virginia, a former Secretary of the Navy (under Reagan), who also voted against the insane bill that went so far as to condemn Russia for continuing its long-standing military trade agreements with Syria. Both Lugar and Corker demanded, unsuccessfully, that reference to removing Assad from office be taken out of the resolution, but Kerry insisted it stay in, since Obama had already proclaimed the overthrow of Assad as his policy. Most of the Senators went along.

Lugar warned, “For us to get into a situation where we are making these sorts of judgments seems to be overstepping without really having a fundamental debate. We crept [up] on this before, during the Libya situation . . . and we’ve never really had a debate. The personalization of this resolution is not a good idea. . . . Many thousands of people have been killed in Russia

and China and even in Burma,” Lugar continued. “The president could say [Russian President-elect Vladimir] Putin must go, or Chinese leaders, because they are committing crimes in Lhasa all the time. But we are not affirming that. . . . This is a shift in making foreign policy that I am very uncomfortable with.”

The opposition to the “humanitarian” interventionist drive by London and its Obama tool has been percolating inside Republican Party circles for some time—including among some unlikely figures. Back on March 31, 2011, during the early phases of the Libya operation, Rep. Ileana Ros-Lehtinen (R-Fla.), the chair of the House Committee on Foreign Affairs, blasted President Obama and the R2P scheme in opening remarks at a hearing on “Libya: Defining U.S. National Security Interests.”

“Whether we agree or disagree with the decision to intervene in Libya, concerns have now been raised across both sides of the aisle about implied future obligations under the ‘Responsibility to Protect,’ a vague concept first articulated in a UN General Assembly Resolution more than a year ago, which the UN has endorsed but has failed to define,” said Ros-Lehtinen. She singled out Samantha Power as the driver behind the Libya War, “based upon this principle and over the objection of military planners.”

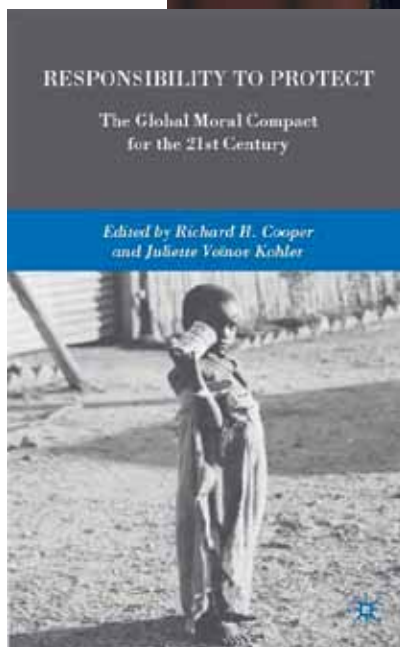
Now, with the official establishment of the Atrocities Prevention Board, the opposition to Obama could become a drive to remove him from office along the lines of the House Concurrent Resolution 107, sponsored by Rep. Walter Jones (R-N.C.), which would make “the use of offensive military force by a President without prior and clear authorization of an Act of Congress,” an impeachable offense.

Already, in response to the APB inauguration, legal scholar Bruce Fein, who previously outlined the legal reasons for impeaching Obama, wrote on April 25 in the *Huffington Post*, that Obama’s “unprecedented principle [of interventionism] would justify endless presidential wars anywhere. . . . Unless repudiated by the political leadership of the United States, the princi-



Creative Commons

*In January 2009, this book was published as the blueprint for R2P interventions. Its principal author Richard Cooper is the Convenor of the Responsibility to Protect Coalition; the Forward was written by Samantha Power (above).*



ple will lie around like a loaded weapon ready for invocation by some future self-deified Caligula to justify martial law. . . .”

On the same day, Prof. Stephen Walt, author of the book *The Israel Lobby*, wrote “Three reasons against the APB,” which detailed how the Board will “aid interventionism,”

which in no way solves the core problems that create atrocities, and that Obama’s definition of atrocity is skewed to what everyone does, except the U.S. and its allies. The *Christian Science Monitor* warned that this Obama declaration will lead to more “Libyas” immediately—another era of perpetual wars.

## The Roots of R2P and the Atrocities Prevention Board

The twisted doctrine known as the “Responsibility To Protect” goes back more than a decade to a concerted British Commonwealth campaign at the United Nations. But it was self-confessed Nazi-collaborator and British agent George Soros who most explicitly defined it as the end of the recognition of national sover-



eignty. “Sovereignty is an anachronistic concept originating in bygone times when society consisted of rulers and subjects, not citizens,” Soros wrote in a 2004 article in *Foreign Policy* (emphasis added). “It became the cornerstone of international relations with the Treaty of Westphalia in 1648.... The rulers of a sovereign state have a responsibility to protect the state’s citizens. When they fail to do so, the responsibility is transferred to the international community.”

The R2P doctrine has been the British Empire’s drumbeat since Tony Blair’s 1999 Chicago speech calling for a ground invasion of Kosovo, but it has been kept alive through the foundations and operatives of Soros, including the Soros-owned Samantha Power, since the mid-1990s, when Soros was creating the International Criminal Court, and trying to take over the nearly failed states of the former Soviet Union through his Open Society Foundation.

But despite decades-long efforts of the British Foreign and Commonwealth Office, and the myriad media empires they control, R2P has *never* been accepted by the UN General Assembly. In fact, at the lengthy debate

covering several General Assembly sessions in July 2009, only a weak resolution to continue to consider R2P was passed. The Non-Aligned Movement, which has 118 members and 18 observer nations, opposed the R2P concept as a danger to national sovereignty, and a tool of selective punishment.

At the same debate, China’s UN envoy, Amb. Liu Zhenmin, in an eloquent statement, warned against “abuse of the concept” of R2P, which threatened to become “another version of ‘humanitarian intervention.’” Liu also said emphatically, that R2P “remains a concept. It does not constitute a rule of international law.... States must refrain from using the ‘R2P’ to exert pressure on others.” Most importantly, the Chinese Ambassador asserted, “[T]he basic status of the purposes and principles of the UN Charter remain unchanged. There must not be any wavering over the principles of respecting state sovereignty and non-interference in internal affairs.”

China and the members of the Non-Aligned Movement—victims of British imperialism—immediately recognized the R2P sophistry for what it was—an attempt to bust up the protection of national sovereignty in Article 2 of Chapter 1 of the UN Charter, which says that “nothing contained in the present Charter shall authorize the United Nations to intervene in matters which are essentially within the domestic jurisdiction of any state,” and that the UN “is based on the principle of the sovereign equality of all of its Members.”

But the UN and its Charter are exactly what the R2P imperialists—the British monarchy and its lackeys like Blair—are out to destroy. Despite being rejected by member nations of the UN, the R2P cause did not lack sponsors; it was being built up through a score of organizations led by the International Coalition for the Responsibility To Protect, headquartered at the World Federalist Society offices in Washington, D.C., and funded by the Soros operations. It has affiliates in about 20 countries.

A leading co-thinker outfit, the Global Centre on the Responsibility To Protect (GCR2P) in New York, was created in February 2008, to “transform the principle of the responsibility to protect into a cause for action,” and turn R2P into the doctrine of perpetual war.

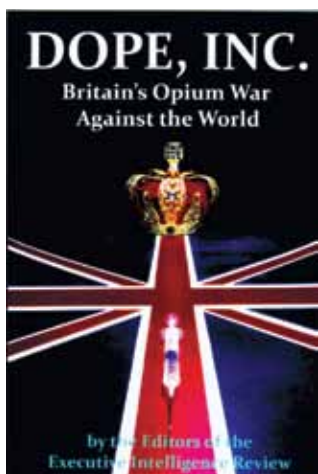
In January 2009, the book *Responsibility To Protect: The Global Moral Compact for the 21st Century*, was published as the blueprint for R2P interventions. Its principal author, Richard Cooper, is the Convenor of the Responsibility to Protect Coalition, and the Forward to the book was written by Samantha Power.

## DOPE, INC.

### Is Back In Print!

Dope, Inc., first commissioned by Lyndon LaRouche, and the underground bestseller since 1978, is back in print for the first time since 1992. The 320-page paperback, includes reprints from the third edition, and in-depth studies from *EIR*, analyzing the scope and size of the international illegal drug-trafficking empire known as Dope, Inc., including its latest incarnation in the drug wars being waged out of, and against Russia and Europe today.

*This edition, published by Progressive Independent Media, is currently available in limited numbers, so there is no time to waste in buying yours today. The cost is \$25 per book, with \$4 for shipping and handling. It is available through [www.larouchepub.com](http://www.larouchepub.com), and *EIR*, at 1-800-278-3135.*



# Israel's Top Brass Slam Netanyahu, Barak

April 30—Israel's highest ranking active duty officer has joined the ranks of former Mossad chief Meir Dagan and other senior members of the military-security establishment who have spoken against the determination of Israeli Prime Minister Benjamin Netanyahu and Defense Minister Ehud Barak to launch a military strike against Iran.

While stating that a nuclear armed Iran is unacceptable to Israel, Gen. Benny Gantz, the Chief of Staff of the Israel Defense Forces, in an interview in the Israeli daily *Ha'aretz*, nonetheless expressed caution about whether or when a military operation should be carried out. While saying that 2012 would be a "critical year," it would "not necessarily [be] a 'go, no-go,' year," and that the "military option is the last chronologically, but the first in terms of its credibility." While Iran was "going step by step to the place where it will be able to decide whether to manufacture a nuclear bomb, it hasn't yet decided whether to go the extra mile."

Gantz pointed out that Iran's nuclear facilities are very vulnerable to air attack; therefore, his assessment was that the supreme religious leader, Ayatollah Ali Khamenei, "will want to go the extra mile. I think the Iranian leadership is composed of very rational people. But I agree that such a capability, in the hands of Islamic fundamentalists, who at particular moments could make different calculations, is dangerous."

In making the point about Iran's "rationality," Gantz was echoing his counterpart in the United States, U.S. Chief of Staff Gen. Martin Dempsey, with whom he had discussions a few weeks ago. The U.S.-Israeli military relationship has emerged as one significant part of the international war-avoidance effort, which has blocked the British imperial drive for war

against Syria and Iran—as part of a confrontation with Russia—for the past six months.

## Barak Blows a Gasket

It did not take long for Defense Minister Barak to react to this criticism from Israel's highest serving officer,

and within 24 hours of the appearance of the interview, Barak sought to refute Gantz with a detailed presentation at an Independence Day reception that left no doubt that he was committed to a military attack against Iran. Barak claimed that it was not the current harsh sanctions that were restraining Iran, but the threat of "an American, Israeli, or international military operation." Nonetheless, he said that a military threat alone will not "change the mind of the [Iranian] leadership or prevent it from moving toward a nuclear weapon." He rejected the idea that the regime was rational.

Dismissing the caution of both the Israeli and American military establishments, Barak said that they should concentrate on "build-

ing operational capabilities," while "the political echelon, both here and in Washington, is responsible for taking all things into consideration."

Barak did not have the last word. Former Israeli Shin Bet (the internal security service) chief Yuval Diskin came to the defense of his colleague Gantz. At a public event in Israel, he blasted the dubious leadership qualities of Netanyahu and Barak.

"My major problem is that I have no faith in the current leadership, which must lead us into an event on the scale of war with Iran or regional war," Diskin said. "I don't believe in a leadership that makes decisions based on messianic feelings.... Believe me, I have observed them from up close.... They are not people whom I, on a personal level, trust to lead Israel to an event on that scale and carry it off. These are not people that I would want to have holding the wheel in such an event. They are misleading the public on the Iran issue. They tell the public that if Israel acts, Iran won't have a nuclear bomb. This is a misrepresentation. Actually, many experts say that an Israeli attack would accelerate the Iranian nuclear race."



Gen. Benny Gantz, Chief of the Israel Defense Force

# A Replay of 1992 in Italy

---

*Today's scandals have a familiar stench. Andrew Spannaus in Milan wrote this for [www.movisol.org](http://www.movisol.org), the website of the LaRouche movement in Italy.*

April 13—As Italy's technocratic government plows forward with the "reforms" it claims will finally modernize the country, corruption scandals are hitting almost all of the Italian political parties. An attentive analysis of this situation leads to a clear parallel with a similar period not so long ago, that of the Tangentopoli ("Bribe City") scandals and the imposition of technocratic governments at the beginning of the 1990s.

At that time, there was a large-scale speculative attack against Italy, which led to a devaluation of the lira. International finance, led by "mega-speculator" George Soros, took in billions of dollars, inaugurating a new phase on the international markets which perfectly represented the spirit of globalization: Governments were to bow down to the commands of finance, allowing "free competition" to dominate national sovereignty. The speculative attack and consequent currency devaluation aggravated the crisis in public accounts, and thus the state budget was considered to be unsustainable. A long period of blood-and-tears austerity followed, which had already begun prior to the attack, with the tax on bank accounts in July 1992, and continued with the austerity package of 93 billion lire (EU48 billion) of cuts, by the Amato government. Simultaneously, deregulation and privatization measures struck broad sectors of the Italian economy.

## Smashing the Political System

All this took place in the context of the decimation of the parties that had governed the country in the post-War period—the so-called "First Republic." From the Christian Democracy to the Socialist Party, the leading political figures were discredited and ousted from power. Many recycled themselves in various forms, but the music had changed; now the technocrats were in control, experts like Giuliano Amato and Carlo Azeglio Ciampi, who would reorganize the Italian

economy. The rules of the banking and financial system were rewritten. The state-run enterprises were dismantled, and the state jewels were sold, in many cases at a great loss, and all at a significant discount for foreign buyers, thanks to the devaluation of September 1992.

Without going into a detailed analysis of Tangentopoli and its various implications, we simply pose the following questions:

- Was political corruption in Italy really "discovered" in that period? Or had it been known for a long time how the parties were financed, and a decision made then to knock over the table at that particular time in history?
- Is Italy better off today? Is the new political elite cleaner and better able to defend the interests of the population?

The answers are not difficult, and the time has come to start reflecting more deeply on that period of transformation, because something similar is happening today. This time though, the potential resistance by the political class seems to be decidedly less, inasmuch as almost everyone fell into line immediately when President Giorgio Napolitano imposed the government of Mario Monti at the end of 2011. The other Mario, Mr. Draghi, instead of being placed at the head of the Italian government, was sent to the real control room at the European level, the European Central Bank (ECB), and thus the "Greek" austerity formula is being imposed in Italy as well, with the predictable result of causing a recession, and making us all poorer by paying protection money to the markets that have to regain "trust" in the country.

## 'Structural Reforms'

But the most important aspect of the measures passed by the Monti government is not the money found to please the accountants; the real danger is in

the “structural reforms,” the goal of changing the areas where public money is spent, and the overall rules of the Italian economy. And this is where we see the true parallel with 1992-93. That was when the campaign began for Italy to adopt the euro. The EU’s Maastricht Treaty imposed a reduction of the deficit, and Italy had to get in line with European budget parameters, a transition that was long and painful. It was all for our own good, they told us, but 20 years later, we are still making sacrifices to comply with the European rules.

Our view is that the fault lies with those very same policies: The free-market reforms provided an incentive for speculative finance—which then crashed—and a disincentive for the productive economy, which continued to shrink. The consequences were inevitable: It was no longer possible to pay for social welfare services, and both public and private debt continued to grow.

The others, those whom we see on television, in the universities, and now in government ministries, say that we have to start all over again; that Italy is too rigid: there are interests, corporations, privileges. Taxi drivers and pharmacists earn too much; small businessmen don’t pay their taxes, and employees cling too closely to stable jobs. We need more flexibility, more ability to adapt, they say.

Adapt to what? To globalization. If in China and India people work for much less money, then Italians will have to embrace the new reality. There will be fewer and fewer manufacturing jobs, a decent salary is a privilege, and the fault is only your own, because you got used to living high on the hog.

So it’s time to deregulate everything, the pundits say; to privatize what’s left in the public sphere (based on ideology, not because privatization improves service or lowers rates; the contrary has been shown to be true in almost every case in recent years). The pension system has to be changed, as do labor laws. These are all things that in the abstract seem to be reasonable from the standpoint of accounting and maintaining a competitive edge, but when we view them in the context of the national and global economic crisis, we see that the only goal is to please the markets and further dismantle the national economy.

## Scandals and More Scandals

Today, scandals are again being used to damage the Italian political elite. The fall of the Berlusconi government in November 2011 was announced with a

never-ending series of x-rated scandals, whose aim was clear to anyone who thinks strategically. The same weapon was used against Economics Minister Giulio Tremonti, to support the free-market faction in the battle against whoever dared question the domination of the market. In the Lombardy regional government, numerous parties have been hit in recent months, both for small violations, and also with large media campaigns such as the case against the Northern League (Lega Nord).

Don’t make the mistake of thinking about the usual “Communist” magistrates, whom some in the right wing have blamed for years; the same is happening to the centrist and left-wing parties as well, with corruption scandals being launched against the Margherita and Italia dei Valori, the former Christian Democrats (UDC), and the Democratic Party.

Are all these people innocent? That’s not the point. As in 1992, the question is what effect a new anti-corruption campaign will have. Who wants to manipulate this situation to impose fundamental changes that will shape the country’s future? And are these changes that will benefit Italians?

There seems to be quite a contrast with the oh-so-proper professors (and bankers) in the institutions in Rome. “The parties are corrupt, long live the technocrats!”

And thus, it will be much more difficult to oppose the free-trade massacres carried out by the City of London and Wall Street, passing through Frankfurt and Brussels.

If we really want to defend Italy, if we really want to defend European civilization, it’s time to restore national sovereignty. We need political leaders who are willing to oppose the looting operations. This is where the real corruption is. How many politicians think only of saving themselves, with money or cushy jobs, rather than acting to defend the common good?

We can no longer accept structural reforms that aim at opening the economy up to international financial interests, to speculative bubbles seeking new assets to swallow and then ruin, before moving on to the next victim. We have seen this movie before: The institutions of government are discredited because politicians are corrupt, but in the meantime, the newcomers work on handing the country over, lock, stock, and barrel, to their bosses in the transnational oligarchy.

Do Italians have the courage to fight, this time around?



# New Phase of Assault on Sudan Opens With Plan for Long Border War

by Lawrence K. Freeman

April 27—The decades-long campaign to dispose of the government in Khartoum and dismember the nation of Sudan, is now being carried out through orchestration of an “endless war” on the border between Sudan and South Sudan. Those advocating removal of President Omar al-Bashir, and those manipulating the government of South Sudan into reckless actions, are far worse than simple fools. They can rightly be called mass murderers. For if war returns to Sudan, the resulting death, destruction, and chaos will spread from the Horn of Africa, across the Sahel, all the way to the west coast of the continent.

The primary culprit behind the continuing war has been the British-U.S. led alliance for the overthrow of the Khartoum government, with the goal of carving up Sudan into several warring entities. This is nothing but a policy of *genocide* against the people of Africa coming from the British monarchy’s satanic desire to reduce the world’s population, targeting first the “black” population of Sub-Saharan Africa. In the U.S., this policy is led by President Barack Obama’s United Nations Ambassador, Susan Rice, and her anti-Sudan cohorts in Washington, both in and out of the government. Rice’s education and her policies as a government official reveal her adoption of the British racial view of Africa, although she herself is African-American.

With the recent retreat of the Sudan People’s Liberation Army (SPLA) back into South Sudan, after its provocative violation of Sudan’s sovereignty with its invasion of Sudan’s Heglig oil field in South Kordofan province, the immediate danger of the war expanding between the two nations was stalled, but is now heating up again. However, the underlying reality has not changed. Neither Sudan nor South Sudan will be able to fully develop their nations and provide the ne-

cessities of life to their people until the war between them has ended. The armed conflict along the border of South Kordofan (Sudan) and Unity State (South Sudan) erupted in June 2011, shortly before South Sudan’s independence on July 9, 2011, and has functioned as a cancerous sore, bleeding both nations since that time.

This author recently returned from a ten-day trip to Sudan, which included a visit to Kadugli, the capital of South Kordofan, a tour of two hydroelectric dam projects, plus numerous meetings and interviews. Despite positive government efforts to improve the Sudan economy, Khartoum’s goals will fall short of meeting the needs of Sudan’s approximately 35 million people, as long as the country remains at war. Conditions in South Sudan are orders of magnitude worse.

FIGURE 1



Muhammad Daffa Rambe



EIRNS/Danielle Detoy

*Lawrence Freeman (right) meets with a local leader who describes fleeing from rebels fighting in his hometown of Bram.*

should remove fuel subsidies has taken place inside the ruling NCP, according to Ghandour. Fuel costs 8.5 SDG (Sudanese pounds) per gallon, and would jump to 14 SDG if subsidies were removed—a 60%-plus increase. Ghandour reports that the response earlier this year by the Nigerian people to a removal of fuel subsidies led to a rethinking by the government. Ghandour unequivocally opposes removal of fuel subsidies, telling *EIR*: “It would be a political, economic, and social disaster.”

### **Economic Recovery Program**

The government of Sudan has come up with a three-year program in an attempt to get through

the immediate crisis, but it is problematic on two counts. One, is the failure to fully comprehend the collapse of the trans-Atlantic financial system, which is impacting all nations. A major reason for the invitation to *EIR* to come to Sudan was to engage in a dialogue that would help leaders there to understand Lyndon LaRouche’s concept of credit and national banking.

Secondly, as Ghandour told *EIR*, “the success of the three-year program is based on a war-free state with minimal security needs,” which is why the continuation of war, even below the level of a full-scale conflict, is such a killer for both Sudan and South Sudan.

In addition to belt-tightening, the goals of the three-year program are to increase oil production in Sudan from its current level of about 130,000 barrels per day (bpd) for internal consumption, to over 180,000 bpd, which would allow the exporting of oil to obtain foreign currencies. Also, increased mining of minerals and precious metals for export is expected to increase foreign reserves. The program will place a primary focus on improving the agricultural sector, which was foolishly neglected over the last decade’s oil boom. The plan is to become self-sufficient in sugar and edible oils, and 90% in medicine, and self-sufficient in wheat in four to five years. But this is a tall order, and is viewed by some with skepticism, given that Sudan is importing 1.2 million tons of wheat to meet its current consumption level of 2 million tons per year.

### **Sudan Took a Huge Economic Hit**

With the secession of South Sudan, the economy of Sudan was severely jolted, primarily through the loss of oil as the main source of foreign exchange revenue. In an interview with *EIR*, Prof. Ibrahim Ghandour, chairman of the External Relations Sector of the National Congress Party (NCP), and head of the 2 million-strong Sudan Workers Trade Union Federation, outlined the effects of the division of the country.

Ghandour told *EIR*: “With secession, Sudan lost one-fifth of its land, one-fourth of its people, and 65% of its oil resources, which were the main generator of foreign revenues for Sudan. Oil constituted almost 90% of our foreign currency generation.” He said that while “inflation increased 100%, and for the first time in 15 years, the consumer price index rose higher than the wage index,” the government stepped in to alleviate the burden on the poor by supporting subsidized prices for essential goods like pharmaceuticals, sugar, and wheat, so these commodities did not experience this inflationary increase, though prices for cooking oil and meats did rise dramatically. “The people are managing with difficulty, but poor people are very much affected,” he said. In addition to providing almost free universal education, the government sponsors a health-care system which is quite extensive in its coverage, and insures all government workers and their families. About 37% of Sudan’s population is insured by the government.

A vigorous debate around whether the government



EIRNS/Danielle Detoy

*The Upper Atbara spillway. This huge project will connect the Upper Atbara River with the seasonal Setit River, providing water and power for the region, even in the dry season.*

## Infrastructure and Energy

The commitment by the government of Sudan to develop the country's infrastructure, particularly the generation of hydroelectric power, was evident when *EIR* visited two dam projects in eastern Sudan.

First, we traveled to the Upper Atbara Dam Complex, which lies between the states of Kassala and Gedaref, less than 500 kilometers east of Khartoum. This large construction project utilizes the flow of the Upper Atbara River and the seasonal Setit River, and is contoured to produce 320 megawatts (MW) when completed in 2016. The project is so large that one has to travel by car to get from one side to the other; its unique feature is that it connects the two rivers by a canal under one reservoir between them, combining the more powerful Atbara and the weaker Setit to create a constant flow of water for power generation, even during the dry season. It will also provide irrigation for the New Haifa agricultural scheme.

Next we flew to El Damazin in Blue Nile state, to tour the Roseires Dam on the Blue Nile River, which first started generating power in 1971. The Roseires Dam generates 270 MW of power, and irrigates 2 million feddans (one feddan is approximately equal to

one acre). The government signed a contract in 2008 to increase the height of the dam by ten meters.

Mutaz Musa Abdallah Salim, the Director of Projects in the Electricity and Dams Ministry, in an interview with *EIR*, said this heightening should have been done decades ago, as originally planned. With its completion in June 2012, the reservoir will more than double its capacity from 3.4 to 7.4 billion cubic meters, allowing it to extend its power generation to 12 months a year, when it is filled in September during the rainy season. Mutaz Musa said that the expanded

volume of the Roseires Reservoir will also add to the "intensity" of irrigation of the Gezira Scheme. The cost of these two needed infrastructure projects is a reasonable \$1,260,000.

Mutaz Musa told *EIR* that Sudan is utilizing about 10 billion cubic meters of water from the Nile, out of its allotment of 18.5 billion stipulated in the 1959 Nile Water Agreement with Egypt, which he insisted cannot



EIRNS/Danielle Detoy

*The Roseires Dam on the Blue Nile River.*



be changed. There are proposals under consideration for two more dams on the Nile, the Kajbar Dam at the third Cataract, and the Shereik Dam at the Fifth Cataract.

With the completion of the Merowe Dam (1,250 MW), the Upper Atbara, and the structural improvement of the Roseires, Sudan will have 2,750 MW of hydroelectric power and another 2,000 MW from thermal, with another gas-powered plant expected to be completed in 2013 in El Fula, South Kordofan (400 MW). This will bring Sudan's total power generation to over 5,000 MW, which is already more than Nigeria has for a population almost five times larger, but pales in comparison to the plans of Ethiopia to bring on line 25,000 MW over the next ten years, as part of its long-term goal of producing 65,000 MW.

It is encouraging that Sudan and Ethiopia are involved in joint efforts in power and transportation, because the collaboration of these two countries also has the potential to free the Horn of Africa of famine, once and for all.

### **Agriculture Must Be the Focus**

Having lost a large portion of its arable land, Sudan will have to improve its agricultural efficiency and expand its irrigation capability to achieve the level of food production necessary to feed its growing population. Increasing agricultural output must be the top priority of the government. The Sudanese people will put up with a certain level of hardship in their daily existence, if they trust that the government is taking measures to improve their lives. Obviously, the food must also be affordable. Also, given the reality that agricultural life dominates Sudan, the most fruitful pathway for improving the economy, is directed investments in infrastructure, especially in water and power, to facilitate an immediate increase in the productivity of farmers.

In a discussion with representatives of the Ministry of Agriculture, *EIR* received the following report of the current state of Sudan's agricultural sector.

Out of 200 million feddans of arable land, 20% is being utilized in three systems: 35 million feddans in



EIRNS/Danielle Detoy

*A sorghum farm in Om Durman; the Nile River is on the left. Sudan is predominantly agricultural, and encouraging the development and productivity of farms is key to the nation's future.*

rain-fed and mechanized rain farming and 5 million feddans with irrigation. There are four irrigated agricultural projects for growing ground nuts, cotton, wheat, and fruits and vegetables: Gezira—2 million feddans; New Haifa—400,000; Al Rahad—300,000; and Al Suki—70,000. Mechanical rain-fed systems produce sesame, sunflowers, sorghum, ground nuts, cotton, hibiscus, and gum arabic.

Given the size of the wheat deficit (60%, of 2 million tons consumed), for Sudan to become self-sufficient in wheat by 2016-17, there would have to be a dirigistic approach by the government to invest in the infrastructure necessary to more than double production of wheat. The land area being discussed for increased wheat planting would be the Northern State, which runs north from the center of Khartoum and Omdurman up to the Egyptian border. This is the area that Egypt was intending to lease to produce wheat for its own use, but the deal was never completed.

The most exciting development for Sudan and Africa is the commitment to build the long-overdue transcontinental railway across Central Africa, from Port Sudan all the way to Dakar, Senegal, financed by the Islamic Development Bank of the Organization of Islamic Conference. Sudan will complete its section, which will run from Port Sudan through Khartoum and across Darfur to the border with Chad. If we include the expanded network of rail lines to Libya, Nigeria, and



FIGURE 2

**Existing Railroads and Planned Transcontinental Line**

*The Islamic Development Bank is financing construction of a long-overdue transcontinental railroad from Port Sudan to Dakar, Senegal. The existing railroads were built mainly by colonial powers, to ship extracted loot to the coasts. There has never been an east-west or north-south continental railroad in Africa.*

Algeria, construction of this 14,000-km railway project across the girth of Africa will not just revolutionize trade and economic development for the nations immediately affected, but will have a major impact on whole continent.

When the next bold (and logical) step is taken, to link Africa to the Eurasian land mass, through tunnel or bridge connections across the Mediterranean Sea, then the African continent will become fully integrated into global economy.

**New Targeting by Obama**

But Sudan is not going to be allowed to proceed unimpeded. With the formation of a new atrocity by President Obama's so-called Atrocity Prevention Board (APB), we see the mechanism for the next level of intervention against Sudan's sovereignty. Inspired by Tony Blair's anti-nation-state doctrine "responsibility to protect" (R2P), George Soros's creation, Samantha Powers, will head this blatantly illegal and anti-American campaign to invade nations whose governments are deemed to be threatening their own people. It should be

no surprise that at the first meeting of the APB held in the White House, Sudan was the only topic of discussion by Powers and her group.

Claims of a humanitarian food disaster from the war between Sudan and South Sudan are being used in preparation for a new campaign against Khartoum. In March, USAID official Nancy Lindborg falsely claimed that 250,000 people would be facing famine in South Kordofan by April, if the Sudan government did not allow foreign NGOs to set up operations in the war zone. There is no doubt that thousands of Sudanese are in need of food, but it is also evident that food insecurity is being used as a propaganda weapon, to create an atmosphere for an R2P-type intervention by Obama's APB.

When *EIR* visited a camp of 1,800 displaced families in Kadugli, who were forced to leave their homes and travel by foot for five days to find shelter and protection from the rebel attacks on their village, Bram, there were no signs of famine or disease, but we did see the ugly effects of war. Officials at the offices of both the World Food Program and UNICEF in Kadugli refused to confirm that a famine was imminent. At this makeshift displaced persons camp supported by the government, the living conditions were unacceptable by any reasonable 21st-Century standard, but there was a functioning health clinic, water, and food. What the people wanted most of all was for the rebels to leave their village so they could return to their homes.

At a hearing in the U.S. House of Representatives on April 26, Lindborg held the government of Sudan responsible for the lives of 500,000 people in South Kordofan and Blue Nile states. She claimed that 200-250,000 people are facing a food emergency in areas held by the SPLM-N rebels, who are waging a military campaign to topple the government of Khartoum, aided by elements from the government of South Sudan. As predicted and intended, know-nothing advocacy groups are now using Lindborg's testimony to e-mail incendiary messages that President Bashir is threatening the lives of half a million people, with comparisons to Darfur. Evangelist preacher Franklin Graham has called on the U.S. to use its Air Force to bomb Sudan's airfields. If governments, institutions, and leaders in the United States and around the world are truly concerned

about humanitarian conditions in South Kordofan, they would shut down this nine-month-long armed rebellion against the sovereign nation of Sudan, initiated by the SPLM-N, with foreign support.

Amira El-Fadil, Minister of Health and Social Security, told *EIR* that when she went to New York to explain the true state of food availability in South Kordofan, Susan Rice objected to being briefed, and attempted to end the discussion before it began.

“There is no famine in the areas under control of the government of Sudan,” the minister told us, adding that the government of Sudan participated with four UN agencies—the World Food Program, World Health Organization, International Organization for Migration, and UNICEF—to conduct a rapid assessment of the area under control of the Sudan government, and they reported no famine. The government is providing emergency food, durum wheat, and other food items, she said, but “that government has no access to areas controlled by rebel groups.” She went on to say: “We don’t trust UN agencies . . . We need the UN to treat us fairly . . . and you [the U.S.] are backing the side of the rebel groups.”

The United Nations is presently reviewing accusations that the motivation for South Sudan’s invasion of the Heglig oilfield, which is a major oil-processing center and oilfield for Sudan, was intended to further cripple Sudan’s economy, hoping to inspire a revolt against President Bashir. The oil facilities in Heglig were destroyed by the invasion of the SPLA. Whether this claim is corroborated or not, South Sudan is being manipulated by a host of Americans advisors, among others, to follow a dangerous course, one that is destructive to the very existence of South Sudan itself.

The UN Food and Agricultural Organization reports that 4.7 million people—over half of South Sudan’s population—will be food-insecure in 2012, which includes over 2 million who are already receiving food assistance. Under these desperate conditions, the suicidal shutdown by the SPLM of this oil production, amounting to 350,000 bpd, has the potential to create severe convulsions inside South Sudan.

### **Who Planted the Seeds for War?**

South Sudan is a victim of a larger political game, aimed at breaking up the entire Sudanese territory and its control over the Nile River system, which the British have desired since Lord Herbert Kitchener’s massacre of the followers of “The Mahdi” in 1898. South Sudan has been treated as a western client state, but not treated

very well, with the U.S. failing to assist it to build its economic capacity, and instead strengthening it as a military base, with the support of some Israeli forces.

It is known to all who have studied the machinations around the Comprehensive Peace Agreement (CPA), that South Sudan is being used by the West, especially through its relationship to the U.S., to destroy Sudan. The CPA, signed on Jan. 9, 2005, which allowed six years for the South to decide whether it wanted to separate from Sudan and establish itself as a new nation, was forced upon Sudan by Washington. Then-President George W. Bush promised President Bashir, in a personal phone call, that after the signing of the CPA, there would be a conference in Washington to inaugurate a new level of normalized relations between the U.S. and Sudan. A similar promise was made by the current U.S. government, if President Bashir did not interfere in the Jan. 9, 2011 election in South Sudan and permitted the subsequent independence of South Sudan six months later. Neither promise was kept.

A common criticism of Sudan is that the government failed to make unity attractive from 2005-11. This has an element of truth, especially in view of the failure to invest in national infrastructure projects and develop the agricultural sector. Sudan has also allowed itself to respond in an profiled manner to various provocations, rather than creatively outflanking the attacks on its sovereignty; this response is part of the calculations of those instigating the conflict.

However, it was the obsessive fixation for “separation at all costs,” without concern for resolving the highly contentious issues of oil fees, border demarcations, and citizenship, that created the deteriorating relationship between Sudan and South Sudan over the last nine months, such that war has been a constant, as if “predetermined,” if not intended, by those who would like to see Sudan dissolve into anarchy, without any regard for the fate of South Sudan.

The only way out of this current rigged geopolitical game is for Khartoum and Juba not to accept the rules of the game imposed on them. They must realize that they are potentially each other’s most vital and important ally, and establish a common mission for the development of both nations and for all of the Sudanese people. This requires ending the war. Minister El-Fadil said it well: “Peace is the only solution between the government of Sudan and South Sudan. Without peace, no country will prosper.”

—lkfreeman@prodigy.net

# LaRouche Basement Team in Dialogue with NASA Scientists

by Creighton Jones

April 27—If mankind is to extend his existence beyond the bounds of the protective womb of Earth, it will require some fundamental breakthroughs in our understanding of how life expresses itself, and what its requirements are for thriving. This is the understanding that members of Lyndon LaRouche’s scientific research team brought with them to the five-day NASA-sponsored Astrobiology conference in Atlanta, Ga., during the third week of April. The conference brought together a scientifically eclectic group of researchers, students, professors, and administrators, both government and private, from around the world, spanning the gamut of space-related researches, from microbiology, to extra-terrestrial life, to cosmic radiation and asteroid defense.

Two members of the team had been invited to present material at the conference, Meghan Rouillard to present a [poster](#) during a session titled “Emerging Technologies and Strategies for Prospecting for the Signs of Life on Other Worlds,” while Creighton Jones was invited to give a presentation as part of a panel titled, “Thermodynamics, Equilibrium, and Evolution.”

In both cases, questions of revolutionary consequence were presented. Rouillard introduced the ideas of Vladimir Vernadsky, who developed a fundamental conception of life as a distinct state of space, that cannot be reduced to simple chemical reactions operating according to the simple laws of thermodynamics. For Vernadsky the question was not “what is life,” but rather “What does life uniquely do?” In other words, what kind of effects are produced as a result of the action of life, that otherwise are absent when life is absent? From

this perspective, life is recognized as a universal principle of action, such that life and its effects can only come from life.

This distinction becomes fundamental, particularly when attempting to identify life in other parts of the universe, or when determining what constitutes a habitable zone for future life. The quest to identify planets that are orbiting stars, and which are in the habitable zone, is a major focus of the astrobiology community, but unfortunately, the parameters that are used are woefully minimal and reductionist. It is for this reason that the introduction of Vernadsky’s work into the discussion is so imperative, because it introduces a much more rigorous and universal concept of life, and opens up a whole new avenue for investigating where life might currently be found, and for determining zones that future human beings may one day wish to inhabit.

Similarly, the question of what constitutes the state of space for life was at the center of Jones’s presentation, titled “Understanding the Dynamic Relationship of Electromagnetism and Life as an Evolutionary Process, and as a Baseline for Supporting Life in an Extra-Terrestrial Environment.”

Here the challenge was posed of going beyond the simple chemical/material view of living processes, and taking account of the entire spectrum of electromagnetic (EM) radiation as it is connected to living processes. Evidence was presented to demonstrate that the electromagnetic environment of Earth has changed as a function of, and in connection with, the evolution of life; that there is a dynamic interaction between the

chemical and electromagnetic processes which constitute the living space.

Again, these considerations become imperative when considering the potential for supporting life, particularly human life, outside the biosphere of Earth. For example, it was shown that life evolved on land under conditions of a very particular interaction of extremely-low-frequency (ELF) standing wave radiation, which itself is generated by life-fostered lightning strikes, interacting with our global magnetic field; as a result, many biological functions have been shaped and tuned by that environment.

Thus, the question becomes, “Must we compensate for that EM interaction, in addition to the chemical needs such as water and oxygen, when we move to colonize such a place as Mars that has no global magnetic field, and no ELF field as we have on Earth?”

Many of the people who were met throughout the week were struck and provoked by the fundamental nature of the questions and paradoxes that we presented, to the extent that one fellow from an Australian institution exclaimed, “What you’re saying means a revolution.” In general, what we were able to do, due to the unique universal perspective which we brought to the table, as a function of our several years of work with

the LaRouche-Riemann method, was to bring a higher unification to a diverse array of specialized investigations, and in so doing, perhaps provoke those specialists to ask questions in their own fields that they otherwise would have overlooked.

We also intersected a number of people who are collaborators of scientists whose work we were familiar with, and had incorporated into our own studies, particularly those in the field of cosmic radiation and its relation to our position in the galaxy, as well as the role of cosmic processes in driving Earth’s climate, as opposed to man-made CO<sub>2</sub>.

Another aspect which we brought to the discussions with various people, which proved provocative, was that we couched all the scientific work in the context of physical economy and economic policy. For many, the idea that economic policymakers would also be revolutionary scientific thinkers was a paradox, largely due to their lack of recognition that at its core economics is the science of furthering the aims of mankind towards a future in the stars.

One person who does resonate with this idea is Dr. Claudio Maccone, who gave a presentation on space-based Earth defense, and gave an interview to LPAC which took us out to Alpha Centauri (see below).

## 21<sup>st</sup> CENTURY SCIENCE & TECHNOLOGY

OUT OF THE SHADOWS

### **The Emerging Science of Earthquake Prediction**

Oyang Teng

INTERVIEW: DIMITAR OUZOUNOV

### **Earthquake Precursors: ‘The Science is Ready, and Needs to Be Applied’**

INTERVIEW: SEYIA UYEDA and PANYIOTIS VAROTSOS

### **Approaching the Critical Point in Earthquake Prediction**

#### **Subscribe!**

Electronic subscriptions are  
**\$25 for 6 issues, \$48 for 12 issues**  
Single electronic copy is \$5.

Available at  
[www.21stcenturysciencetech.com](http://www.21stcenturysciencetech.com)  
or send check/money order to

**21st Century** P.O. Box 16285,  
Washington, D.C. 20041



### **International Astronautical Congress, Cape Town: Looking to the Heavens To Develop Africa**

Marsha Freeman

#### **In Memoriam: Lynn Margulis (1938-2011)**

Pioneering American Biologist and Geoscientist  
Mark A.S. McMenamin

### **Evidence-Based Medicine: Treating by Chance**

Cathy M. Helgason, M.D.

### **How to Construct an Astrolabe, Using Your PC**

Christine Craig

INTERVIEW: DR. AKIRA TOKUHIRO

### **Fukushima, Science, And Radiation**

### **Decoding the Heavens: A 2,000-Year-Old Computer—and The Century-Long Search to Discover Its Secrets**

Jo Marchant

Reviewed by W. Leonard Taylor, M.D.





# Protecting Mankind from Extra-Terrestrial Threats

*From the Astrobiology Science Conference 2012, “Exploring Life: Past and Present, Near and Far,” in Atlanta on April 18, Oyang Teng of the LPAC Basement Research Team interviewed Dr. Claudio Maccone, Technical Director of the International Academy of Astronautics, on humanity’s current vulnerability to extra-terrestrial threats such as asteroids, comets, and supernovas, and the needed international collaboration to overcome such dangers. Dr. Maccone is the author of “Deep Space Flight and Communications” (2009).*

*The interview took place following Dr. Maccone’s presentation at the conference on humanity’s lack of preparedness for an asteroid or cometary impact. A video of the interview can be seen at <http://larouchepac.com/basement>.*

**Oyang Teng:** Dr. Maccone, I wanted to start by asking you to summarize—you started your presentation saying, the punchline is, we’re not prepared—but maybe you could say briefly what the nature of, first the short-term threat, or maybe the immediate threat as you see it, as you discussed it, of an impact event on the Earth.

**Claudio Maccone:** Well, the situation is pretty clear nowadays. We know that there are about over 300,000 rocks in the Solar System, basically asteroids, but also big, dead comets, or comets, or whatever. And the vast majority are rocks smaller than 1 kilometer [in diameter]. Now, this means that it is not easy to see them with telescopes. Nowadays, we can see them because we have automatic systems of telescopes taking care of the orbits immediately—as soon as they take the digital picture of the part of the sky with the asteroid—they can immediately compute the orbit, and find out whether these are old, known objects, or new, unknown objects.

Anyway, there are so many small rocks, that really hoping that none will ever hit the Earth is crazy. So, we must be prepared for that. And actually, there is a JPL [Jet Propulsion Laboratory] website that everybody can

see—it’s public access, not secret—listing a set of asteroids or near-Earth objects that have a certain, higher-than-zero probability of hitting the Earth sometime in the future, or anyway coming close to the Earth, sometime in the future, in a century or so.

So this is the first basic fact that I would like to point out.

There is a second fact. The orbits of these bodies are not precisely known. Just to put it in simple terms, students at university learn that if you have an ellipse, which is the orbit of an asteroid around the Sun, you must specify *six* parameters in order to have this ellipse precisely located in time and space.

Now, these parameters are totally arbitrary because there are the so-called integration constants of three differential equations of the second order—a Newtonian equation. So there are six parameters for each asteroid. Absolutely arbitrary.

Now, the point is that, we do not know *exactly* what the numbers that speak to these parameters are. Actually, we derive likely values of these numbers from the orbits of some 30 bodies or so, the most massive bodies in the Solar System.

So, let me put it in clear terms. The 30 most massive bodies in the Solar System have orbits that can be computed by today’s computers, but all the rest, which means 300,000, 400,000, have to be, so to say, described on the basis of the first 30 bodies; and so there are certainly uncertainties in the values of these parameters.

Now, this is a really serious problem, because we do not know exactly whether any one of these bodies is going to hit the Earth or not.

## We Need a Real Leap Forward

**Teng:** Is it a question then of getting more ground-based or space-based instrumentation to track these objects, or can we do it with the existing tracking that we have, but we just need to put more resources behind it?



U.S. Department of Energy

*"We need to make a real leap forward," Dr. Maccone said, to defend the Earth from an impact by an asteroid or comet, "that would cause millions, if not billions, of casualties."*

**Maccone:** Well, certainly, the tracking must be done. There is no question about it. And also, the discovery of more objects that we still don't know about has to be done. But this is not enough. We need better computers, and I'm hoping that when the quantum computer will become effective, it can solve the problem. But this is not the case yet.

But apart from all this, which is essentially a mathematical game, we need to make a real leap forward. And this is to prepare space missions capable of going out into space, away from the Earth, as much away as possible, hitting the asteroid, moving that body away from its collision course against the Earth, and so, really, literally, rescue the Earth from an impact that would cause *millions*, if not *billions*, of casualties.

**Teng:** If it weren't an issue of budgetary constraints right now, what, in your view, would be the next step, that would have to be taken, concrete steps, to do exactly that? What sorts of missions are we talking about?

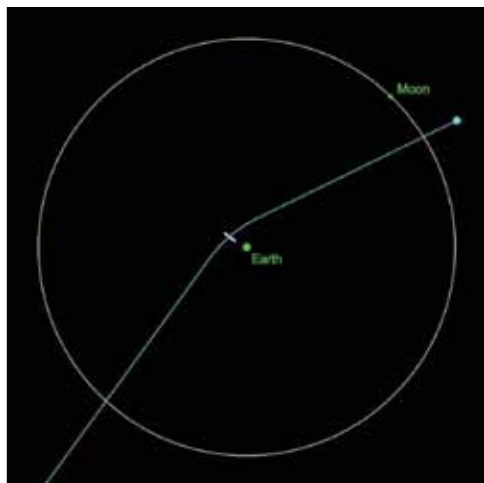
**Maccone:** Okay, now let me first refer to the United States, since we are in the United States. But of course,

this is a problem that affects the whole of humanity. Well, in the United States, before 2011, which is one year ago, NASA was planning to build two launchers, called Ares I and Ares V. And I was part of a study in 2007, led by NASA, about this thing; essentially, we had to make an assumption, just to give you an idea about what we did.

We hoped that we could have a ten-year lead time, meaning we would come to know ten years in advance whether an asteroid was going to hit or not. So, on the basis of this, then we would have planned two different space missions. The first mission to be carried forward by Ares I was a survey mission, sending the probe around the asteroid, picking up pictures, finding the mass, the shape, rotation, whatever. After that, the second mission would have arrived, launched by Ares V, and that would have been a much more effective thing, shooting six projectiles, 1.5 tons each, against the asteroid, in order to move it away from the collision course.

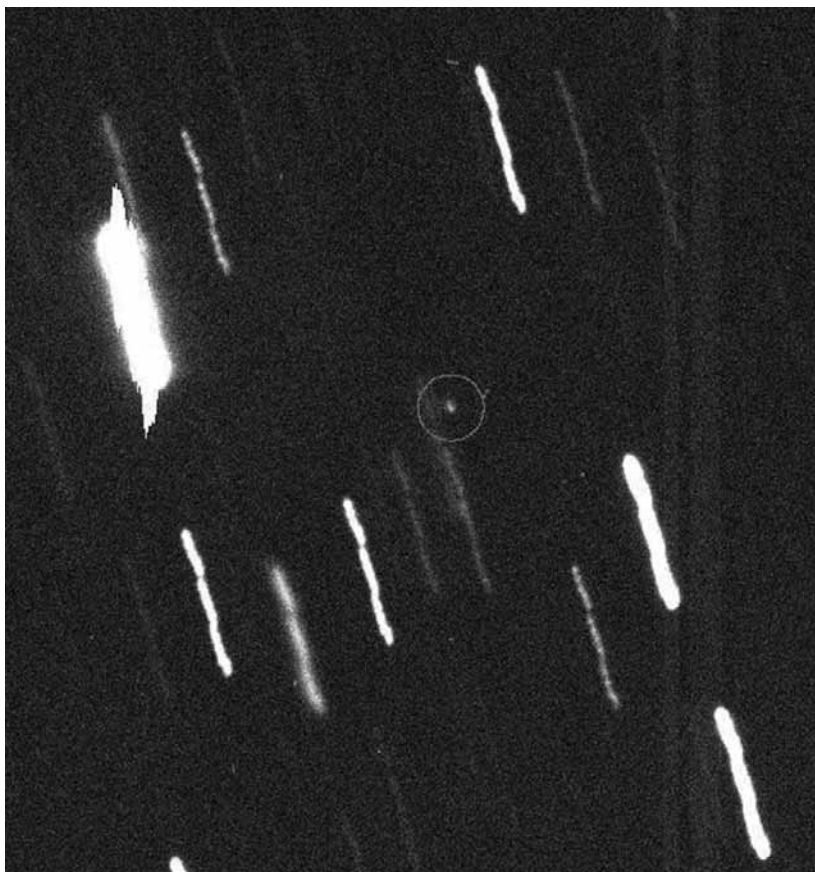
If this was not enough, then, we also considered the possibility of using nuclear weapons. Now I am completely aware that nuclear weapons in space are not loved by anyone, but especially not by the ecologists. I am quite aware of this. But the point is simply that, if the body is too massive, and the six projectiles that I just mentioned are not enough to move it away, there is no other way than using a nuclear explosion, not on the body itself, but at an optimal distance from the body, so that the gamma rays produced during the explosion, *push* the asteroid away, because of the momentum of the radio waves, of the gamma rays, and so on. So this is the technique, basically.

Now, the point is that, just one year ago, your President Obama decided to give up these two missiles, Ares I and Ares V, and replace them with a single transportation system. So this, in plain words, means that we have to redo a whole lot of calculations, because we are using different missiles. And, at the moment, no such system is in existence at all, so if we discover that there is something on a collision course with the Earth, at the moment, we are unable to do anything against it.



NASA/JPL

*The danger to humanity posed by an asteroid or comet, is “a really serious problem,” Maccone stated. Shown: a schematic of the possible trajectory of the near-Earth asteroid Apophis in 2029; a NASA image of Apophis (circled) in space (right).*



## Russia's Strategic Defense of Earth

**Teng:** You mentioned the importance of the role, in this case, of three major players. One, is the international scientific community; two, is the space agencies, such as NASA, ESA [European Space Agency], etc.; and three, is the military, because of their organizational capabilities, and their access to weapons. So I'm wondering, as we mentioned there, the one proposal that's come out in the last year from the Russian government, by the name of the Strategic Defense of Earth, is a transformation of what was once a military defense project for missile defense on Earth, to a defense against these extra-terrestrial impacts. Do you think that that is a useful model for the kind of program approach to deal with this?

**Maccone:** It is a useful model, and at least it is something better than we have in the West—because we have *nothing* at the moment. So, we should really pay careful attention to what the Russians are doing, because they were good enough—let me use these words—to convert a system that had been designed during the Cold War times, from a defense against American missiles, to defense against asteroids and comets. So they are setting an example. And this means that international cooperation in this field is absolutely useful, not to say, indispensable.

Now apart from the Russians, of course, the Europe-

ans are considering the problem seriously. I am aware that a few years ago, a new group of people taking care of planetary defense in Europe was created. But of course, we also expect other contributions, for instance, from China; for instance, from India; for instance, from Japan, and so on.

So, the bottom line is that the organization to which I belong, and of which I am a director, the International Academy of Astronautics, organizes worldwide conferences about planetary defense, once every two years. Last year, it was held in Romania, with attendees from all over the world. Next year, it will be hosted by NASA in Flagstaff [Arizona], with a visit, of course, to the meteor crater nearby.

And so, I would encourage young people, who have no idea about planetary defense, or anyway, want to get involved with this kind of problem, for the benefit of the whole of humankind, to attend this conference. Because in these meetings, you really meet, not only the experts, but also the decision-makers, those who have the power to transform projects into reality. So, my suggestion is that if you are interested in that, you should show up there.



NASA/MSFC

*President Obama has just eliminated the program for the Ares I and Ares V missiles, that were to be part of a defense of Earth. Now, said Maccone, "if we discover that there is something on a collision course with the Earth, at the moment, we are unable to do anything against it." Shown: an artist's concept of the Ares missiles.*

## Galactic Threats

**Teng:** On the nature of the threats: We know that we are not simply dealing with asteroids and comets, but that we live in a galaxy that is constantly evolving, and we know, still, very little about it. Could you speak to what you think are the broader, longer-term questions in terms of planetary defense, and how we, the human species, self-identity as a species, has to manifest itself in terms of our activity in space?

**Maccone:** Sure. There are certainly other terrible threats to life on a small planet, such as we are. Let me just mention some.

First of all, I would mention supernova or nova explosions. These are simply explosions of stars that have come to the end of their life because they have nothing to burn any more, no more fuel to burn. Now these we know do occur: for instance, the Kepler supernova in 1604. They explode everywhere in the galaxy, so if there is one exploding next to us, we can only keep our fingers crossed. Because if the distance is something greater than 3,000 light years, we might possibly survive. If it is not, then, I cannot see any hope for us. We

will be literally fried. And there is no way to shield humanity against that, as far as I can see, at least for the moment. So this is certainly a danger.

Next: There are other dangers. For instance, if you have a binary star, that is, two stars revolving around each other, and if you have a planetary system around each of these stars, that is, planets revolving around each of these stars, numeric simulation plainly shows that, if this goes on for ages, millions or billions of years, the planets may, sometimes, jump from orbiting around one star, to orbiting around the other star, because the gravitational pull brings them into such a condition.

Now the point is that, in the end, all planets in such a double system, are going to be ejected. And this is awful! Because it means that, in the galaxy, there are a number of so-called "rogue planets," which are precisely that. Planets that have been ejected by gravitational reason. So they just travel along a straight line until they find some mass that deflects them. And just suppose, unfortunately, that one such rogue planet is coming toward the Solar System. I don't mean it's going to hit the Sun, or something like that. It could pass close enough. Well, that would disrupt the gravitational stability of the Solar System.

So the orbit of the Earth, rather than being nearly a circle, could become an ellipse again. And you can easily imagine the consequences on humanity living on this planet.

So, that is a terrible threat, and again, at the moment, I cannot see any way we can imagine to get rid of that, except for carefully watching the sky as much as possible in advance. And, if such a body arrives, try to disrupt it, you know, to shoot nuclear weapons against that, in order to at least reduce the mass that would deflect the Earth from its orbit.



## The 'Extraterrestrial Imperative'

**Teng:** My last question is, you ended your talk saying, at the moment, given where we are, we're really still as good as the dinosaurs. And it is the case that, thinking about this planetary defense, forces you to think about evolutionary times. But if we project forward, there is a term that was coined by a space philosopher and scientist, Krafft Ehricke, he called it the "Extraterrestrial Imperative." That humanity has an extraterrestrial imperative which is really an evolutionary imperative to not only leave the Earth, in the same way a baby has to leave the womb, but to develop the Solar System and beyond. And that this is actually a cultural, economic, and scientific imperative.

So, I would like you to speak to your thoughts on this idea, and maybe where you see humanity in the next 50 years, or 100 years.

**Maccone:** Thank you. Well, you are touching a subject that I really love. Actually, I wrote a book called *Deep Space Flight and Communications*. Now, "deep space flight" means what it really is: going to the edge of the Solar System, and possibly, beyond.

Now, at the moment, unfortunately, we do not have the technical capabilities of planning for a starship that would leave the Solar System and reach even the closest stellar system, which is Alpha Centauri, at 4.37 light years away. I am glad to say, that in the last year, DARPA [Defense Advanced Research Projects Agency], the military advanced research project, and NASA, Ames Research Center, organized a conference held in Orlando [Florida] in the last year in the Fall, gathering all the scientists who are trying to solve this problem of how to get to the nearest stars.

We do not have the solution, but at least, we came to know each other. Serious proposals were discussed, for instance, anti-matter proposals—I'm just mentioning



NASA

*Among the "terrible threats to life" on our small planet, are supernova or nova explosions. "They explode everywhere in the galaxy, so if there is one exploding next to us, we can only keep our fingers crossed," Maccone said. Shown: The red circle in the upper left, near the constellation Cassiopeia, is SN 1572, or the Tycho supernova, about 3,500 light years away.*

one, the one that I like most. But nobody really knows which one could be selected. Anyway, this doesn't really matter.

At the moment, at last, NASA and DARPA realize that this has to be studied, even if we are in financial troubles that we know about.

So, for the future generations, I can only encourage more interest in these kinds of things. The time will come when we will be able to reach at least the nearest stars, and that could mean the rescue of humankind from certain death in case an asteroid or supernova or a rogue planet destroys life on Earth.

**Teng:** Okay, well, that's a note of optimism!

**Maccone:** Thank you very much.

**Teng:** Thank you Dr. Maccone. And I guess we'd better get started.

# Strategic Defense of Earth: Russia To Put SDE at Top of Agenda

by Rachel Douglas

April 27—Vitali Davydov, deputy head of the Russian Federal Space Agency (Roscosmos), has become the latest Russian official to promote elements of a Strategic Defense of Earth (SDE) policy. Speaking yesterday at a scientific conference titled “Russia’s National Interests in the Context of Global Security,” Davydov proposed the creation of a Russian federal program to neutralize space threats. He said that the Russian Academy of Sciences should coordinate the effort, RIA Novosti reported.

The keynote speaker at the conference, Russian Security Council Secretary Nikolai Patrushev, announced that Russia will feature this aspect of SDE work at a major global security forum in June. Patrushev’s status as a longtime ally of Vladimir Putin, who will be President of Russia by that time, and as one of the Russian officials who has warned most incisively about the current danger of world war, accentuates the importance of his announcement.

Calling for the development of expanded capabilities against asteroids and comets that potentially present a danger to Earth, Davydov said: “Various means of acting on potentially dangerous space objects should be developed and perfected in space, both those using powerful one-time actions, and those employing weak influence over longer periods of time.” According to the Novosti report, Davydov also proposed that planning begin on research missions to potentially dangerous asteroids and comets, for the purpose of determining, and possibly intervening to change, their trajectories. Recently reported Russian Academy of Sciences recommendations for the Russian space program’s schedule over the next two decades include such a mission to the asteroid Apophis.

Davydov reviewed the various methods currently being studied for affecting asteroids, such as ones using lasers, ion or electron pulses, and gravitational tractors. Since some of these are “dual-use” technologies, he noted that “developing them in individual countries



Vitali Davydov

under national projects would probably lead to further tensions and an arms race in space.” Davydov thus implied the need for international cooperation in this area, as Patrushev also affirmed.

## Russia Is Moving with Greater Confidence

An article in today’s issue of *Rossiyskaya Gazeta*, the Russian government daily, featured Patrushev’s keynote to the conference, which provides context for Davydov’s speech. The event was held to mark the 20th anniversary of Russia’s Security Council. Noting that the anniversary coincides with Putin’s impending inauguration on May 8, Patrushev said that Russia is moving with greater confidence to participate in addressing global and regional problems. Twice, global security conferences initiated by Russia have been attended by over 50 countries, including the United States and China, he said, pointing to forums held in Sochi and Yekaterinburg in recent years. On their agendas were issues such as international terrorism, food security, and cyber-security. Now the Security Council is preparing a third such forum, which will take place in St. Petersburg on June 6-8.

*Rossiyskaya Gazeta* continued: “In addition to the traditional international security problems, entirely new threats will be discussed in Petersburg. For example, ones such as counteracting the asteroid danger. This is not a joke and not science fiction. The deputy head of the Federal Space Agency, Vitali Davydov, told the conference yesterday that space junk and the asteroid-comet danger are new challenges to civilization. Davydov noted that scientists have already been able to identify over 8,500 relatively large celestial bodies, mainly asteroids, with orbits passing dangerously close to Earth’s.

“Specialists estimate that a collision between Earth and an asteroid several hundred meters in diameter would lead to major regional destruction, while a strike by an asteroid larger in diameter than 0.8-1 km would

cause so-called ‘asteroid winter’ and the end of civilization. Furthermore, a collision with such a large asteroid would generate seismic waves, which could trigger eruptions of dormant volcanoes, as well as earthquakes. In 2004, the Kitt Peak National Observatory in Arizona discovered an asteroid that will approach Earth at the relatively small distance of around 30,000 km in 2029. Scientists acknowledge that mankind has very limited abilities to combat asteroids, and that this will require the joint efforts of all nations.”

### Patrushev’s Warnings

Before becoming Security Council head in 2008, Nikolai Patrushev headed the Federal Security Service (FSB) for nearly a decade. In January, this top Russian intelligence officer said in an interview with *Kommersant* daily, “There is a real danger of a U.S. military strike on Iran. He elaborated: “They use both economic embargo and massive help to the opposition forces,” adding that “for years we have been hearing that the Iranians are going to create an atomic bomb practically next week, [but] still nobody has proven the existence of a military component of Iran’s nuclear program.” He also warned against NATO intervention in Syria.

In a Jan. 12 released titled “What Russia’s Warning Means,” Lyndon LaRouche said: “This means war, thermonuclear war. The intention of Britain and the British-controlled United States, is to get a thermonuclear war, by launching a thermonuclear attack on Russia and China. That’s what these damn fools are playing with.”

One month earlier, in an interview with *Argumenty i Fakty* newspaper, Patrushev had warned of a global nuclear missile crisis. He stated that Moscow has no doubt that Russian and China are the targets of U.S. and NATO anti-ballistic missile systems in Europe.

Patrushev has consistently called for U.S.-Russian cooperation on key issues, his promotion of the SDE being the latest occasion. At the October 2010 Security Council-sponsored forum in Sochi, Russia, Patrushev hosted then-U.S. National Security Advisor Gen. James Jones. Responding to Russia’s longstanding call for serious anti-drug action, Jones told the audience of senior intelligence and enforcement officials from 43 countries that he would embrace an international campaign against multinational organized crime, with its overlap with drug cartels and narco-insurgencies. Jones abruptly left the Obama Administration within 48 hours of his return from Sochi.

## A Strategic Defense of Humanity

Were the United States to eject Obama, and reciprocate Russia’s offer for an SDE (Strategic Defense of Earth), we would not only avert the danger of thermonuclear war in the short term, but we would eliminate the reason for humanity to ever go to war again. Peace, is not the negation of conflict; it’s an active commitment among all peoples to “the common aims of mankind.”  
An LPAC video presented by Natalie Lovegren (12 minutes).

<http://www.larouchepac.com/node/20616>

### *Obama Is the Atrocity*

Do the current President of the United States, Barack Obama, and the citizens who tolerate him, have no shame? The disgusting display of celebration and bragging about the killing of Osama bin Laden by Obama—actions worthy of the barbarian showing off the head of his recent victim to the roaring crowd—suggests not.

It's worse than that. By tolerating this President and his policies, we are literally destroying our future. The combination of his own Nero personality, and his British controllers, have put us on a course to destruction. This statement by LaRouche Slate candidate Diane Sare expresses it well:

"In a stunning display of Orwellian sophistry and Narcissistic mania, President Barack Obama has unilaterally launched an entity known as the Atrocities Prevention Board. His chosen venue for this madness was the U.S. Holocaust Museum, where the atrocities committed by Obama's role model Adolf Hitler are remembered.

"Lest the reader think the above paragraph is an exaggeration, let us review the last three years of the Obama Administration's policies, starting with the Haiti earthquake where, against the advice of people on the ground, Obama chose to do nothing to move refugees out of flood zones where it was known that water-borne diseases would reach epidemic proportions, and thousands of people are still dying unnecessarily of cholera.

"Later, in May of 2009, Obama began pushing his Nazi T-4-inspired so-called Affordable Care Act. The object of the plan, as Obama himself said, is to cut the wasteful spending of money on elderly and sick people in their last two years of life. This is reminiscent of the 1939 posters in Germany of a hale Aryan carrying a 'useless eater' around on his back, with the caption, 'People, it is your money.'

"Or look at the totally unconstitutional war on Libya, culminating with the murder of Qaddafi, which was allegedly a NATO war, but run almost entirely by the United States, *without* the authorization of the Congress. Further, Obama is criticizing the Syrian and Iranian Governments' restriction of the use of Internet by their people, when under Obama, U.S. intelligence agencies can now legally maintain records of Americans' phone calls and e-mails for *five* years, even if there is no evidence that the citizen is involved in any wrongdoing.

"On Dec. 31, 2011, Obama signed into law the National Defense Authorization Act (NDAA), which allows the indefinite detention of U.S. citizens on U.S. soil, without trial.

"Now, this madman is putting us on a trajectory toward the biggest of all possible atrocities, thermonuclear war, with his rumored agreement that Israel should launch a strike on Iran (which would lead to the annihilation of Israel), and the U.S. Navy would finish the job—leading to war with Russia and China.

"Don't delude yourself that the November elections will solve this problem. The collapse of the Euro system and a strike on Iran could occur well before November. Besides, Mitt Romney is virtually identical to Obama in policy outlook, so his candidacy is not an option.

"The only option at this time, for the future of mankind, is the impeachment or removal of Emperor Obama from office under Section IV of the 25th Amendment. There were many in Germany who claimed to disagree with Hitler's policy, who thought that he would be removed by the next election. That failure to act in time proved to be a disaster for the human race. Join the LaRouchePAC-endorsed slate and all those who remember in saying, 'Never Again.'"



SUBSCRIBE TO

# EIR Executive Intelligence Review

## EIR Online

# EIR

Executive Intelligence Review  
February 10, 2012 Vol. 39 No. 6 www.larouchepub.com \$10.00

Brits, Obama Push World War III vs. Russia and China  
The Fraud of Andrew Jackson: National Banking Now!  
LaRouche's 'Call to Arms' Against British War Threat

LPAC Poses the Question:  
Are You Dinosaur or Human?



**EIR Online** gives subscribers one of the most valuable publications for policymakers—the weekly journal that has established Lyndon LaRouche as the most authoritative economic forecaster in the world today. Through this publication and the sharp interventions of the LaRouche Movement, we are changing politics worldwide, day by day.

## EIR Online

EIR Online includes the entire magazine in PDF form, plus up-to-the-minute world news.



I would like to subscribe to **EIR Online**

(e-mail address must be provided.)

- ☐ **\$360** for one year  
☐ **\$180** for six months  
☐ **\$120** for four months  
☐ **\$90** for three months  
☐ **\$60** for two months
- ☐ Send information on receiving **EIR** by mail.

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Country \_\_\_\_\_

Phone ( \_\_\_\_\_ ) \_\_\_\_\_

E-mail address \_\_\_\_\_

—EIR Online can be reached at:

**www.larouchepub.com/eiw**

e-mail: **fulfillment@larouchepub.com**

Call **1-800-278-3135** (toll-free)

I enclose \$ \_\_\_\_\_ check or money order

Make checks payable to

**EIR News Service Inc.**

P.O. Box 17390, Washington, D.C. 20041-0390

Please charge my ☐ MasterCard ☐ Visa

Card Number \_\_\_\_\_

Signature \_\_\_\_\_

Expiration Date \_\_\_\_\_