

LaRouche: What International Relations Must Be Three Realistic Views of Extreme War Danger Speak Out Against the Blacklists

# Has London Scheduled a Crimean Missile Crisis for October?



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### Cover This Week

What's over the horizon for this peaceful pebble beach at Kanaka, Crimea, on the Black Sea?



#### HAS LONDON SCHEDULED A CRIMEAN MISSILE CRISIS FOR OCTOBER?

**3** EDITORIAL

'Are We Actually Governed by Lunatics?'

- I. The Worst Crisis
- 5 Some Realistic Views of Russia's Mobilization and Referenda by Paul Gallagher
- 8 Has London Scheduled a Crimean Missile Crisis for October? by Dennis Speed
- 10 A New Conception of What International Relations Are by Lyndon H. LaRouche, Jr. Nov. 10, 2016
- 11 TWO OPEN LETTERS UN Must Remove the Causes for the War Danger!
- 13 INVITATION Schiller Institute Conference: Build the New Paradigm, Defeat Green Fascism Oct. 15, 2022
- II. Schiller Panel: Speak Out Against Blacklists
- 15 CONFERENCE PROGRAM Inspiring Humanity To Survive the Greatest Crisis in World History September 10-11, 2022

- 17 Moderator's Introduction Panel 2, Defend the Right To Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth by Harley Schlanger
- **18 The Best of All Possible Worlds** by Diane Sare
- 20 Shut Down Ukraine's Center for Countering Disinformation, Global NATO's Thought Police! by Gretchen Small
- 23 Forbid Unlawful Efforts To Silence American Citizens by Col. Richard H. Black (ret.)
- 25 America Must End Funding a Hit List by Dr. George Koo
- 25 Schiller Institute—Lightning Rod To Meet Perilous Times by James Jatras
- 26 How Is Promoting a Realistic Peace Plan a 'War Crime'? by David T. Pyne
- **28 Shut Down the Nazi Kill List: It Is Not Just in Ukraine** by Igor Lopatonok
- **30 A Young U.S. Journalist's View of America's Criminal War Policy and the Attempt To Silence Me** by Bradley Blankenship
- **31** *Myrotvorets* Is a Threat to Journalists Everywhere by Eva Karene Bartlett
- 34 Initiative: Demand the UN Defend Journalists from the Illegal Actions of *Myrotvorets* by Mira Terada
- **III. International**
- 36 Don't Be Dinosaurs—For Planetary Defense, Build the Advanced Arecibo Observatory Now! by Janet G. West
- 45 Science & Technology Briefs
- **47 International Briefs**

### **EDITORIAL**

# 'Are We Actually Governed by Lunatics?'

Sept. 24—For once, a European mainstream publication has written the truth! *Weltwoche*, a Swiss weekly news magazine, published an online editorial September 23, under the title, "Are We Actually Governed by Lunatics?" Pointing to President Joe Biden, German Foreign Minister Annalena Baerbock and Swiss President Ignazio Cassis, the publisher and editor-in-chief of *Weltwoche*, Roger Köppel wrote:

The more the Americans and the Europeans get caught up in their feverish spiral of aggression, the longer and more globally and more dangerous this war will become.

To get out of the quagmire, he says, Europe would have to—

restrain the Biden administration, set limits to the Ukrainians with their camera-toting charismatic President Zelensky, who could yet fall ill with the Messiah syndrome. Risking a world war against Russia is madness. Peace negotiations are called for.... Geopolitically, they have let it come to a nuclear war against Russia, not because Putin is crazy, but because they do not take the Russians seriously, probably also under deep-seated racist prejudices, treating them disparagingly, whistle at their interests, while one puts one's own interest—powerhungry and self-intoxicated—above everything.

Meanwhile, with the Doomsday Clock now only seconds before midnight, the military, the media, and the U.S. and British political leadership rant that it is all Russia's fault. It is obvious to the entire world that President Putin means exactly what he says, when he states that once the referenda are completed, Moscow will quickly accept all four oblasts into the Russian Federation. With that, any military assault on one or more of the new states of Russia will be viewed as a foreign invasion of the motherland, and the Russian military will respond. As is clearly articulated in the nuclear posture of the Russian Federation, if the existence of the motherland is threatened, the use of nuclear weapons may be used.

Do the lunatics believe that Putin is bluffing? Do they truly believe that the referenda are a "sham," as they claim? Will they drag the world into nuclear holocaust in a desperate effort to save their crumbling dollar-based financial system?

It cannot be doubted. Matthew Kroenig, the acting director of the Scowcroft Center for Strategy and Security at the Atlantic Council (one of London's primary assets in the U.S.), wrote in a Sept. 16 "Memo to the President" titled, "How To Deter Russian Nuclear Use in Ukraine-and Respond if Deterrence Fails," Kroenig posits the situation in which "Russia might use nuclear weapons to achieve its goals in the war in Ukraine." His "Retaliatory Option 2B" states "The United States could use nuclear weapons to respond to and deter further Russian nuclear use in Ukraine." The Washington Post, covering Kroenig's Memo, says that he believes a first nuclear strike by Russia in Ukraine would justify the United States to strike directly against those forces, that it would be calibrated to send a message that this is not a major war coming, this is a limited strike.

This is insane on so many counts! First, Russia has made it abundantly clear that there are no targets in Ukraine warranting a nuclear strike. Russia has not even used conventional weapons on civilian targets in Ukraine and would never launch a nuclear war there. Second, the idea that there could be a "limited war" is a utopian fantasy. The moment one nuclear weapon is used, all or nearly all would be launched immediately, on both sides.

However, in about ten days, four oblasts which are now part of Ukraine will become part of Russia. Any shelling or troop movement by foreign military forces within those regions will be considered an invasion of Russia. Russia has experienced the horrors and destruction of two fascist armies massing on their border in preparation for invasion—that of Napoleon (the first fascist), and that of Hitler. They will not allow it to happen again.

Adm. Charles A. Richard, the commander of the U.S. Strategic Command, who last year said that a nuclear war was now more "likely" due to the rise of China, told a panel at the Air Force Association conference this past week:

All of us in this room are back in the business of contemplating competition through crisis and potential direct armed conflict with a nuclear-capable peer. The implications of that are profound.... And this is no longer theoretical.

The Russians, meanwhile, held a conference commemorating the 60th Anniversary of the Cuban Missile Crisis. Sergei Ryabkov, the Deputy Foreign Minister of the Russian Federation, noted:

Ballistic missiles have been equipped aboard Trident submarines, which have warheads of reduced power.... The Americans are deliberately lowering the nuclear threshold.

The Russian Ambassador to the U.S. Anatoly Antonov told the same conference:

While the Cuban missile crisis resulted in the recognition of the possibility of peaceful coexistence of the two great powers, nowadays Washington pursues the goal of defeating Russia and bringing it to its knees. An even better option seems to be to divide our country and subsequently establish several separate "principalities" within our territory, depriving it of nuclear weapons and a legitimate permanent member seat in the UN Security Council.

You will find two Open Letters to the UN General Assembly in this issue of *EIR*, one from the Foundation to Battle Injustice, calling for an emergency conference sponsored by the UN to investigate and shut down the Myrotvorets "kill list" in Ukraine, and a second issued jointly by the Schiller Institute and the Foundation to Battle Injustice, calling for the UN General Assembly to remove the causes for the war danger. Please sign both of these letters.

# I. The Worst Crisis

# Some Realistic Views of Russia's Mobilization and Referenda

#### by Paul Gallagher

Sept. 25—The mobilization order for 300,000 Russian reservists that President Vladimir Putin issued Sept. 21, and the essentially simultaneous initiation of a process of referenda in four oblasts in Ukraine on the question of joining Russia, have been treated with universal contempt and bravado by all NATO-related institutions and governments, and nearly all major media in the trans-Atlantic world.

The referenda are fake; the mobilization is failing and useless; Putin is simply bluffing; Russia is certain to be defeated in NATO's surrogate war in Ukraine and is only a danger now because he might use nuclear weapons there: This is the universal report originating from such institutions as London's Chatham House and repeated nearly everywhere in the West. It triumphantly urges on, to greater war effort and sacrifice, European populations which are seeing their living standards ravaged by runaway inflation and holes being blown in their energy resources and industrial econoso while taking part in a "NATO-plus" meeting headed by U.S. Defense Secretary Lloyd Austin at Ramstein Air Base in Germany, Sept. 8.

It is critical for readers to hear the analysis of those capable of understanding what Russia has actually been doing since Sept. 21, how Russians view those actions, and what they mean for the most danger-



Scott Ritter

ous military conflict that humanity has ever faced. Understand realistic views regarding the unfolding world war, rather than simple triumphalist fantasies. Here are three examples.

#### Existential for Russia, Existential for NATO?

Scott Ritter, the widelyread former Marine and then chief UN weapons inspector in Iraq, consistently looks at the events of the war in Ukraine as seen from the Russian perspective, as well as analyzing NATO's intentions. Ritter wrote on his Telegram channel Sept. 20:

mies. While pouring new weapons and intelligence resources into Ukraine's armed forces, it is only necessary, they say, for NATO leaders to warn Putin that Russia using nuclear weapons will have "catastrophic consequences."

*EIR* has already covered the fact that it was the chief of *Ukraine's* armed forces who on Sept. 7 called for preemptive NATO nuclear strikes against Russia, and did I believe we will see a strategic pause while Russia completes its partial mobilization. This pause will be marked by heavy fighting as Ukraine will seek to disrupt the referendums and alter the geography of the battlefield. But once Russia consolidates the new territory politically, and accrues the necessary military capacity, I believe we are looking at the physical destruction

EIRNS/Michelle Erin

of the Ukrainian nation as the endgame for this conflict.

He followed with an article in *Consortium News* Sept. 22:

The reality is that since the collapse of the Soviet Union at the end of 1991, the U.S. and its European allies have been conspiring to subjugate Russia in an effort to ensure that the Russian people are never again able to mount a geopolitical challenge to an American hegemony defined by a "rules-based international order" that had been foisted on the world in the aftermath of the Second World War....

Putin's decision to order a partial mobilization of the Russian military, when combined with the decision to conduct the referendums in the Donbass and occupied Ukraine, radically transforms the SMO [special military operation] from a limited-scope operation to one linked to the existential survival of Russia. Once the referenda are conducted, and the results forwarded to the Russian parliament, what is now the territory of Ukraine will, in one fell swoop, become part of the Russian Federation—the Russian homeland.

All Ukrainian forces that are on the territory of the regions to be incorporated into Russia will be viewed as occupiers, and Ukrainian shelling of this territory will be treated as an attack on Russia, triggering a Russian response. Whereas the SMO had, by design, been implemented to preserve Ukrainian civil infrastructure and reduce civilian casualties, a post-SMO military operation will be one configured to destroy an active threat to Mother Russia itself....

The U.S. and its allies in the "collective West" now have to decide if the continued pursuit of a decades-long policy of isolating and destroying Russia is a matter of existential importance to them.

#### The Referenda in Donbass

A Sept. 23 article by Dagmar Henn on the German website Seniora.org, from the German edition of RT on Sept. 22, was based on the important assumption that the national leaders attending the Shanghai Cooperation Organization summit Sept. 15-16 expressed understanding of what Putin's Russia was planning to do, and that this made Russia's next steps possible. Henn described China's historical experience with Tibet as part of this understanding. She noted the irony of Europe's recent history with referenda, which, each time they showed a nation to oppose the European Union or EU Constitution, were "repeated" to produce the opposite result which Brussels wanted.

In Russians' memory of Ukraine's case, the March 1991 referendum in which Ukrainians voted to stay in the Soviet Union although many Eastern European states had left it, was followed by an agreement of Russian and Ukrainian political leaders on independence for Ukraine, and a repeat referendum in September 1991 in which Ukraine's voters accepted that agreement.

Henn wrote:

Consider the historical example of Tibet. Tibet was part of the Chinese Empire for centuries; in the 1920s, it was separated from China by British colonial troops and the Chinese-born population that had also lived there for centuries was expelled (facts that are always often concealed in Western representation). This was a secession carried out with the help of others or in the interests of others, which was reversed by the Chinese People's Liberation Army, which, by the way, meant liberation from serfdom for the majority of the Tibetan population.

The linchpin of the legal assessment of what is now the legal act depends on whether or not one considers the momentous [2014] coup that created the state of Ukraine to be legitimate.

The timing of yesterday's and today's decisions is quite clear. The referendums will be held by 27 September...; five days to count; then formal applications for admission to the Russian Federation will be received. From the votes to the adoption to the signing of the decision by the President, it is likely to go very quickly. Then, in all likelihood, admission to the Russian Federation ... would fall on Monday, October 3.

A first effect is that the previous rather complicated conduct of military actions is significantly simplified.... Much more serious, however, is another point. Recall that in recent months there have been repeated warnings from Moscow to the West that attacks on Russian territory will not be tolerated. From the signing of the parliamentary resolutions on the admission of the four territories, they are Russian territory from the Russian point of view (and, according to the talks in Samarkand, also from the point of view of the decisive partners). I would suspect that there will then be an ultimatum to the Ukrai-

nian troops to completely evacuate all four areas, to which in all probability there will be no response. After this ultimatum expires, the Ukrainian troops are considered occupation forces there.

It is crucial to realize that this meticulous approach is not aimed at a Western audience, and statements such as those of Olaf Scholz that the referendums will not be recognized simply do not matter at all.

#### 'A European Bloodbath'

Willy Wimmer was a Bundestag member for three de-

cades; he is a senior German political figure in the Christian Democratic Party. In an interview on Sept. 1, before the NATO escalation, the Ukrainian offensive in Kharkhiv, and the Russian mobilization orders and announcement of referenda in Donbass, Wimmer stated in an interview:

At the end of April 2000, when my colleagues and I were in Slovakia and participating in a meeting organized by the United States State Department, we were told that Russia would be kicked out of Europe, and a new boundary would be drawn between the Baltic Sea and the Black Sea. That is to say, those who regard this statement as official policy will undoubtedly use all means to implement this political consideration.

Then in a Sept. 21 interview with World Economy

### (Wirtschaft & Finanzen Newsreport), he said,

In connection with the developments in Ukraine, we are dealing with the fact that we, the German side, under the leadership of Chancellor Angela Merkel, have pursued a course aimed at pacifying Ukraine with its internal tensions. There is no other way to understand "Minsk 2" and all the efforts. While the policy of the United States has

> been, and still is, and it is increasingly executed, to use Ukraine as its instrument in the fight against the Russian Federation and the expulsion of Russia from Europe. This German policy of Angela Merkel together with Mitterrand and Macron has failed miserably. Not because the Germans weren't behind it or the French. But because the United States is brutally pulling through its script. And that is why we are in a situation where, in my view, the CDU/CSU is throwing Angela Merkel's sensible, Europe-appropriate policy out of the



Willy Wimmer

window.

If you take the Foreign Minister's [German Foreign Minister Annalena Baerbock's] statement at face value-and the lady rants about war and similar things, the final victory of Ukraine-I can only say, then you accept a great war in Europe with approval. And we can already see from the statements from Poland, Romania and other states in this region that they are already trying to prepare the issues that are the logical consequence of [the 1920 peace treaty of] Trianon and the Second World War in this region. In other words, one should not be surprised if the borders that exist in Eastern and Central Eastern Europe are put up for discussion, with the consequence that we end up in a European bloodbath. And the Greens, then, will have made a decisive contribution to this.

# Has London Scheduled a Crimean Missile Crisis for October?

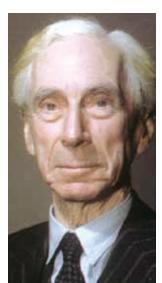
### by Dennis Speed

Sept. 23—"There is one thing, and one thing only, which could save the world, and that is that America should make war on Russia during the next two years, and establish a world empire, by means of the atomic bomb." —Bertrand Russell, September 1945.

How did we arrive here, at what former Marine weapons inspector Scott Ritter refers to as "one second to midnight?" The doomsday clock is literally one second to midnight and we in the West have only our-

selves to blame. Who has decided for us that thermonuclear war should be declared on Russia? When was that decided, and why were we not (mentally) present?

In a sense, that decision can be said to have been made just after April 12, 1945, the date of the death of President Franklin Delano Roosevelt. As to who has decided for thermonuclear war, consider the words of the London Economist of 2007, as it spoke, futuristically, about what it projected to be the deployment of the as-of-then unelected Barack Obama.



Bertrand Russell

In the dangerous second decade of the [21st] century, when Vladimir Putin returned for a third term as Russian President and stood poised to invade Ukraine, it was the EU that pushed the Obama administration to threaten massive nuclear retaliation.

Is it Britain that, on the eve of the 60th anniversary of the October 1962 Cuban Missiles Crisis, is pushing the world toward thermonuclear extinction? Former German CDU defense spokesman Willy Wimmer, in delineating the changed strategic reality that now confronts the world once the referenda are concluded in the next week, in the four areas now occupied by Russia's special military operation, chose to remind the world that NATO had violated international law in launching war against Serbia in 1999. That military action was done under the guise of something called "Responsibility To Protect." RTP was first introduced to the public by London's Tony Blair during a speech he gave at the





CC/World Travel & Tourism Council Barack Obama

CC/Government of Ukraine Tony Blair

Chicago Economic Club.

"It took Tony Blair one speech in 1999 to trap the Western world in an unending series of interventionist wars. We may care about the people of Tibet, Baghdad, and Libya, but are we the knight-errant of the human race?" asked author Geoffrey Wheatcroft, in a 2011 article, "Once Upon a Time in Westphalia." Perpetual war, scrapping the 1648 Treaty of Westphalia, for over three centuries a cornerstone of civilized conduct in war, has been British policy since 1999.

Now, if unchecked by the efforts of individuals and organizations working with the Schiller Institute, Anglo-American-instigated perpetual war will "go thermonuclear," no matter what is said to the contrary.

The driving necessity behind promoting costly, unwinnable wars is the moral and economic bankruptcy of the neoliberal system. But it is the Malthusian, predatory mind-set, and the addictive culture of death into which the trans-Atlantic world has descended, which terminally grips the already-supplanted Anglo-American "masters of the universe." The dead hand of the British Empire, King Charles III, rests, and weighs upon the brain of the world. The weapons of war are pointed also at the populations of Europe, and revolt is in the air and the streets against this self-inflicted madness.

In truth, however, the populations of Europe and the Americas were always seen as expendable, lending a macabre irony to the slogan, "Now, we are all Ukrainians." Heat, food, health will all be taken away, now, unless they fight. These populations must be brought to realize that the financial oligarchy have also placed them on a universal "kill list." Helga Zepp-LaRouche, United States Senate candidate Diane Sare, and the thousands of others named on the Ukrainian lists are merely the first.

Recall Britain's Mad King Charles's words at last year's COP26 "Halloween Climate Change Summit":

With a growing population placing an increasing strain on the planet's finite resources, we have to reduce emissions urgently.... Here is needed a vast military-style campaign to marshal the strength of the global private sector."

Every available resource is to be deployed—not "to stop global warming," but to conduct total war against Russia and China, and anyone else opposing that total war policy. The purpose behind the global warming pretext is now being fully revealed.

That most bellicose Prime Minister Liz Truss has just called for an "economic NATO," revealing, as Helga Zepp-LaRouche and the Schiller Institute have consistently contended, that the sanctions policy was actually, in the words of French Finance Minister Bruno Le Maire, "all-out financial nuclear war." Truss said:

Let's be clear. We want to target the heart of the Russian system, we target Vladimir Putin, we target the oligarchs, but we also target the entire Russian economy.

No doubt Truss, the former Foreign Secretary, will

also now seek to implement, especially against those African, South American, and Asian nations seeking to join the Belt and Road Initiative, the recommendations of the Chatham House June 2022 <u>report</u>, "NATO Must Prioritize Climate Change as a Security Issue."

We have now arrived at "one second to midnight," with the United States and Great Britain directly deploying the fascist Azov Battalion, reinforced with many trained specialists and NATO personnel and weapons, fighting an "Afghansi"-style war on Russia's border, using what has been termed the "Resistance Operations Concept."

As of a few days from now, however, if things go as planned, those forces may find themselves inside of Russia, as a result of the referenda now concluding. *The Economist* is calling for more weapons, more training, and more money for Ukraine. Then, there is the May 20 article by Malcolm Chalmers, Deputy Director General of the Royal United Services Institute (RUSI), "This War Still Presents Nuclear Risks—Especially in Relation to Crimea":

If a red line were not accepted by Ukraine, Russia might then feel that it had to consider a series of further escalatory options, such as putting its nuclear forces on higher alert. Faced with the alternative of the likely loss of Crimea, Putin might believe that Ukraine (with U.S. encouragement) would be likely to blink first. It would be a moment of extreme peril, with all the parties seeking to understand the intent of each other even as they looked to pursue their national interests.

Precisely because of the peril inherent in such a situation, a nuclear crisis of this sort could make it easier for leaders to make difficult compromises....

All saner persons, especially those of any influence whatsoever, have to join the Schiller Institute and speak out now. Hundreds, thousands of people should move everything off their schedules as possible, to deploy for the month of October. Contact others you know and give them the opportunity to participate. In the name of what the world fought fascism in order to preserve, in honor of the 100 million that died as casualties of one type or another in those years, and in recognition of our debt to those yet to be born, including on other planets, we must not fail humanity in what may turn out to be, in the subsequent weeks, days, and hours ahead, the most dangerous period in all of human history.

# November 10, 2016 A New Conception of What International Relations Are

by Lyndon H. LaRouche, Jr.

This short commentary by Lyndon LaRouche (1922-2019) is excerpted from a meeting Mr. LaRouche had with associates soon after the electoral upset in the U.S. presidential election of November 7, 2016, in which Donald Trump was elected President of the United States. The international challenge posed here has been the subject of a series of online international conferences sponsored by the Schiller Institute beginning on April 9, 2022, to build a new security and development architecture for all nations.—The Editors, September 23, 2022.

The whole economic system is not ready to work. We've got to get that system functioning, not just a few things here and there. We've got to pull [together] a special kind of organization which facilitates the ability of getting more parts of the world in the hands of the other part of the world. Otherwise, the thing won't work. You've got to pull things together. If you don't have a connection, you don't have a contract.... What you're going to see on this question is a more complicated thing. What you're going to get is an understanding of a new conception of what international relations are. That's what is going to happen, and that's the way it will work. Otherwise, it will not work for obvious reasons, for those who are familiar with the details of the German and other economies.

One of the problems is that there is presently no qualified content of developing the relations among these nations. You've got to get an actual content, which has to be functional. That's one of the things we have to work on, but that's not in place now.

The problem is that we do not have a defined international system which will secure peace. It doesn't yet exist, and we've got to make it.... It's going to take a lot of work by people to do it, because it's not just doing it by name; the problem is to understand how that can work. This can be done. This can be done with the collaboration of some parts of the world as a whole. The overall picture is not going to be easy, but there are some connections which could be made early. But there is a lot to do to get [it] in the right way of success.

I wouldn't depend on Trump. He's going to do what he's going to do, but don't depend on him. You have to depend on the creation of a new system, not Trump's system but a new system, a global system which will meet the requirements of the development of a true international system. And you have to organize people on that basis. You cannot just say, 'We're going to try to make this thing work.' It won't work. It won't work. But we can start. I would say Germany, -Germany has a potential; if it wants to do so, it probably could make a good contribution.... What Putin is doing is excellent, and it's well integrated; China is becoming very well integrated in many respects. You're getting development in parts of Asia. All these things are in place, but you've got to get the mechanism which makes it all come together in a syncretic way.

Space science is the way that people have to operate, because space science incorporates the crucial elements which are lacking from other sources.

You've got to get into the mind of the present population internationally and nationally; you have to get into the mind of that person who has no conception whatsoever of what that mind requires. What you can do is, you can do things which will prompt development, but it's chiefly local development and regional development. We've got to get mechanisms of international trade and agreements thereof, and that's what's required urgently, right now!

Odds and ends will not do this. So, therefore, don't try odds and ends. You've actually got to get into the gut of the mind of the people of different nations. I've had a lot of experience in this thing. It doesn't come about because of people who don't really understand what this is about. Looking in the course of history, you would say that I have a very keen insight into humanity.

Editor's Note: This statement appeared as an editorial in *EIR* Vol. 43, No. 47, Nov. 18, 2016, page 19.

### TWO OPEN LETTERS

# UN Must Remove the Causes for the War Danger!

Sept. 21—Readers are encouraged to sign both open letters to the United Nations, the joint letter issued by the Schiller Institute and the Foundation to Battle Injustice, and the letter issued earlier by Foundation, both of which are reproduced below.

### Open Letter to the United Nations from the Schiller Institute and the Foundation to Battle Injustice

The Foundation to Battle Injustice has appealed to the UN with an Open Letter to close down the Myrotvorets List in Ukraine that targets 4000 international journalists and other institutional people for assassination ("liquidation"), and demands a criminal investigation into the background of this operation. Many of these journalists are on that list because their coverage did not conform to the "permitted official narrative" of NATO about the Ukraine situation. But others are on the list because they demand a diplomatic solution before the war escalates beyond control.

We are rapidly reaching that point of no return. The latest meeting of the Ukraine Defense Contact Group at U.S. Ramstein Airbase in Germany shifted the war into higher gear by having NATO member countries send ever more sophisticated precision and longer range weapons to Ukraine. It is becoming obvious that this is already a war between NATO and Russia. The Ukrainian defense chief, Valery Zaluzhnyi, claims that Russia is about to use tactical nuclear weapons and demands that the West deploy preemptively the "entire arsenal of means at their disposal" against Russia. The "Kiev Security Compact" of the Ukrainian Government demands de facto NATO- and EU-membership for Ukraine, providing Article-5-type protection, which deputy chief of the Russian Security Council Medvedev has characterized as a "prologue to World War III."

The real reason for the war danger and this escalation lies in the fact, that the Trans-Atlantic neoliberal financial system is heading towards a hyper inflationary breakdown crisis, as occurred in Weimar Germany in 1923, which has been caused by the decades of monetarist policies of profit maximization and liquidity pumping. The crisis of this system is already affecting the whole world, but especially the developing countries, with exploding food and energy prices.

The only way to eliminate the danger of World War Three, which threatens the annihilation of the entire human species, is the replacement of the present hopelessly bankrupt system with a new credit system, a New Bretton Woods, which relaunches the world economy and provides cheap, long-term credit lines for real economic development of the Global South. Since both the war danger and the threat of the looming collapse of the financial system affect the whole world, the UN General Assembly (UNGA) is the appropriate place to initiate the creation of a New Just World Economic Order, which must take action for this now.

We appeal therefore to the UNGA to guarantee an open and free debate on the need to establish a new international security and development architecture, which takes into account the interest of every single country on the planet, not only for all journalists and individuals who are on the Myrotvorets list, but for all people who are contributing concepts to make the world a safe and better place.

We therefore appeal to the UNGA to convoke a special emergency conference to implement such a new international security and development architecture, and to pass a resolution expressing that intent.

Add your name to the open letter here.

### Open Letter from the Foundation To Battle Injustice To the United Nations on the Fact of Criminal Activity of the Ukrainian Nationalist Website 'Myrotvorets'

British reporter Barry James said: "Every journalist killed or neutralized by terror is an observer less of the human condition. Every attack distorts reality by creating a climate of fear and self-censorship." Unfortunately, for almost 9 years now, the situation described by Barry has been happening in Ukraine and Donbass.

Since 2014, the Ukrainian site Myrotvorets publishes the personal data of journalists from all over the world who cover the armed conflict in Ukraine or express a point of view that differs from the official position of Kyiv. Due to the activities of the Myrotvorets website, hundreds of journalists are exposed to the danger of physical violence every day.

Media workers on the list repeatedly reported threats against them, and some of them were killed. Twelve journalists from the Myrotvorets list died. After their death, the inscription "Liquidated" appeared on their pages on the site. The same thing happened to the page on Myrotvorets of the Russian journalist Daria Dugina, who died in a terrorist attack in Moscow.

The existence and operation of the Myrotvorets website violates numerous UN resolutions on human rights and the safety of journalists: Universal Declaration of Human Rights, Security Council resolutions S/RES/2222 and S/RES/1738, General Assembly resolutions A/RES/74/157, A/RES/72/175, A/RES/70/162, A/RES/69/185, A/RES/68/163 and Human Rights Council resolutions A/HRC/RES/33/2, A /HRC/

RES/27/5, and A/HRC/RES/21/12. All these documents are designed to protect journalists from harassment, intimidation and violence. Nevertheless, the administrators of Myrotvorets website are deliberately violating all these resolutions and endanger the lives of hundreds of journalists and freedom of expression.

The blocking of the Myrotvorets website is a matter not only of saving human lives, but also of upholding values and fundamental principles of civilized society. The publication of personal data of Russian, Ukrainian, American, British, Canadian, and Polish journalists, and journalists from other countries, on the Myrotvorets website should be immediately stopped, and the site should be blocked.

This will save hundreds of people from violent attacks and threats and will promote the freedom of speech. Only the UN has the authority to close this site. We hope you will hear the voices of people whose safety you have so fiercely defended over the years by adopting multiple resolutions and who are now in real danger because of the actions of the Myrotvorets website.

We, the journalists who have become victims of the atrocities of the Myrotvorets website, and the journalists who want to stop this flagrant violation of human rights, call on you to adopt a resolution that condemns the activities of the Myrotvorets website, and which will become the start of an international investigation on activities of this website.

Add your names to the open letter here.

# OCTOBER 15, 2022 International Schiller Institute Youth Conference: Build the New Paradigm, Defeat Green Fascism!

On September 6, the Schiller Institute released the following invitation to an international youth conference, open to young and old alike, which will convene with both an in-person audience in New York City, and a live online audience from all over the world. The conference will begin at 10:00 a.m. EDT on October 15, 2022 and will run through 5 p.m. Those who are not planning to participate in person, need to register here.

Live in-person tickets are \$20 per person and are available at the "purchase tickets" link at the bottom of the in-person registration <u>page</u>. For more information, contact Daniel Burke at <u>studylarouche@gmail.com</u>.

The end of the genocidal neoliberal system has come, accompanied by catastrophic hyperinflation and the white-hot danger of thermonuclear war.

In response, the members of the BRICS Plus, the Shanghai Cooperation Organization (SCO), the Eurasian Economic Union, and associated nations worldwide are moving toward a new, just international economic order, one capable of expanding China's Belt and Road Initiative into a global mission to eradicate hunger and poverty. Realizing this potential demands international cooperation to halt the U.S.-NATO march toward Armageddon war and to put an orderly end to the City of London and Wall Street's global speculative bubble. It demands mankind finally bury the rotten doctrine of Thomas Malthus, still today the leading apologia for colonialism. It demands new, principled leadership—an international youth movement for peace through economic development.

Argentina's annual inflation rate in August was 71%, Haiti's 25%. Goldman Sachs has predicted 23% inflation for the UK by early 2023. Seventy-one million people worldwide fell into extreme poverty in the period of April through June of 2022. The World Bank has reported that up to 80 nations require immediate debt relief, or they will soon find themselves incapable of importing the food and fuel needed for their populations to survive.

An average of 25,000 people are dying unnecessarily of hunger each day, and already in 2021, 2.3 billion people were living in moderate or extreme food insecurity. 45 million children under the age of five suffer from "wasting," the most extreme form of malnutrition, which increases a child's risk of death by twelve times. Death by hunger is described as the most torturous way of dying because your body essentially feeds on itself before finally giving up. That such injustice exists is proof of the continuation of colonialism in new cloth, because it would be so easy to produce enough food for all human beings living on this planet.

What is the cause? Look to the decisions made at the September 2019 meeting of the Federal Reserve, with other Western central banks and financial behemoths like BlackRock in attendance. There, the former head of the Bank of England, Mark Carney, announced measures to enforce global obedience to the elimination of fossil fuels ("Net Zero") and the creation of high inflation through the printing of money directed toward keeping the more than \$1 quadrillion global debt bubble afloat. In 2020-21 alone, at least \$14 trillion was created by the Federal Reserve, U.S. Treasury, and European Central Bank, with effectively none of it going to the improvement of the physical economy. Trillions have flowed into a new Green finance bubble and its unreliable, low-energy-density solar and wind projects. Meanwhile, reliable energy supplies are sanctioned, and the food supply is destroyed by the imposition of Malthusian limits on land, fertilizer, pesticides, and energy.

In 1971, the late American economist and statesman Lyndon H. LaRouche, Jr. uniquely identified President Richard Nixon's action to "pull the plug" on the Bretton Woods international monetary system as the turning point toward a modern Malthusian policy orientation that would lead inexorably to famine, pandemics, fascism, and war, should it be allowed to continue. The catastrophe we are living through today is the consequence of that policy orientation—a paradigm built on the evil belief of the Anglo-American oligarchy, as expressed by representatives like Lord Bertrand Russell, that mankind is a cancer on the planet, a beast whose population need be culled, starting with the "non-white" peoples of the world.

To defeat this menace to civilization, the modernday British Empire, LaRouche built an international movement devoted to the total physical economic development of the formerly colonized areas of the world, and of every nation. Today, that vision is known internationally as the World Land-Bridge, a global network of development corridors connecting all nations with water, power, transportation, and agroindustrial systems. LaRouche insisted that mankind is not an animal—that we are the only creative species known in the universe. Each human child has within it the potential to become a genius, to make discoveries of universal principle that contribute something necessary in science or culture to the species as a whole. By the development of creative genius, we increase the potential relative population density of mankind—the ability of mankind to do good.

To emerge from the present, all-encompassing strategic crisis with a new, just world economic order demands new genius. The genius to conceive of the necessary development of humanity itself—from a juvenile period of geopolitics and war to a mature devotion to the common scientific, moral aims of mankind. This genius was on display at the SCO's recent meeting in Samarkand, Uzbekistan, where nations representing over half of the world's population gathered in devotion to the principles of international law and the UN Charter. The West, meanwhile, is dominated by cynicism and barbarity. But we know these are the artificial effects of top-down cultural warfare, and we reject them. We demand that the goodness within our societies be brought forward, and we demand that the clouds of fear be dispelled. In organizing this October 15 international Schiller Institute conference, we reach out to young people across the world and invite them to collaborate with us in this solemn mission to end colonialism in all its forms and eradicate poverty and hunger from this world.

#### Speakers

Helga Zepp-LaRouche, founder of the Schiller Institute Diane Sare, LaRouche party candidate for U.S. Senate

from New York State Jackson Hinkle Haz Al-Din Daniel Burke, Schiller Institute Fox Green Princy Mthombeni, founder of Africa4Nuclear Sameera Khan, Journalist Megan Dobrodt, President, Schiller Institute (U.S.A.) Jason Ross, Secretary-Treasurer, The LaRouche

Organization

### **New EIR Offprint Special Report Now Available**

EIR Special Report

February 2021

## The Great Leap Backward: LaRouche Exposes the Green New Deal

*Executive Intelligence Review* has released this Special Report to warn of the extreme danger to mankind represented by the Green New Deal, also called "The Great Reset" by the leaders of the Davos World Economic Forum.

Already being implemented, this plan is taking over the direction of national economies from sovereign governments, using the power of central banks and the too-big-to-fail private financial institutions, cutting off credit to fossil fuel power generation and to industrial and agricultural enterprises claimed to emit too much carbon. Meanwhile it is creating a new huge bubble in the "sustainable fuel" sector, hoping to prop up the increasingly bankrupt financial system.

Stopping it by returning to a Hamiltonian American System credit policy, requires an understanding which is the purpose of this report. The Great Leap Backward LaRouche Exposes The Green New Deal

*EIR* subscribers who have received this Special Report as their 68-page Feb. 12 issue: Get an Offprint edition for someone you know who should have it!

**Special Report** is available in soft cover printed copy for \$30 plus shipping, or as a PDF for \$20 (requires e-mail address). https://store.larouchepub.com/product-p/eirsp-2021-1-0-0.htm

# **II. Schiller Conference**

### Schiller Institute International Online Conference

# Inspiring Humanity To Survive the Greatest Crisis in World History

September 10-11, 2022

#### Saturday, September 10

Panel 1

### How to Inspire Humanity to Survive the Greatest Crisis in World History

- **Opening Music:** J.S. Bach's *Magnificat*, first movement, performed by the Schiller Institute NYC Chorus and Orchestra.
- Dennis Speed (moderator): Opening Remarks
- Lyndon LaRouche, video excerpt from a speech to an EIR seminar on African Development, June 18, 1997: "We Must Choose a New Road"
- Helga Zepp-LaRouche (Germany), Founder, the Schiller Institute: Keynote Address, "Universal History Must Not End in a Tragedy"
- Jozef Mikloško (Slovak Republic), Former Vice Premier, Czechoslovakia: "Lyndon LaRouche: What It Is To Fight for Truth and Justice"
- **Ding Yifan** (China), Deputy Director, Research Institute of World Development, China Development Research Center: "Reading His Work, Some New Concepts Just Struck Me"
- **Prof. Georgy Toloraya** (Russian Federation), Deputy Chairman of the Board, Russian National Committee on BRICS Research: "How We Managed To Bring the World to the Edge"

**Ray McGovern** (U.S.), Former Senior Analyst, U.S. Central intelligence Agency (CIA); Founding Member, Veteran Intelligence Professionals for Sanity (VIPS): "Never Give Up"

**Dr. Clifford Kiracofe** (U.S.), Former Senior Staff Member, U.S. Senate Committee on Foreign Relations; President, Washington Institute for Peace and Development: "America Alone in a Changing World?"

Dialogue

Panel 2

### Defend the Right To Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth

Harley Schlanger (moderator): Opening Remarks

Diane Sare (U.S.), Candidate for United States Senate, 2022 (N.Y.), LaRouche Party: Keynote Address: "The Best of All Possible Worlds"

**Gretchen Small** (U.S.), *Executive Intelligence Review*: "Shut Down Ukraine's Center for Countering Disinformation, Global NATO's Thought Police!"

- **Col. Richard H. Black** (ret.) (U.S.), Former head of the U.S. Army's Criminal Law Division at the Pentagon and former Virginia State Senator: "Forbid Unlawful Efforts To Silence American Citizens"
- **Dr. George Koo,** Retired Business Consultant; Chairman, Burlingame Foundation: "America Must End Funding a Hit List"
- James Jatras (U.S.), Former diplomat and former Advisor, U.S. Senate Republican Leadership: "Schiller Institute: Lightning Rod To Meet Perilous Times"
- **David T. Pyne** (U.S.), Deputy Director of National Operations for the EMP Task Force on National and Homeland Security: "How Is Promoting a Realistic Peace Plan a 'War Crime'?"

#### Sunday, September 11

Panel 3

### Presenting the 'LaRouche Library'— LaRouche in Dialogue with the Nations of the World

- Moderator: Dennis Small (U.S.), Advisory Committee, LaRouche Legacy Foundation
- Helga Zepp-LaRouche (Germany), Board of Directors, LaRouche Legacy Foundation: Keynote Address
- Video Presentation: "LaRouche in Dialogue with the Nations of the World," Peru, Poland, India, China, Russia, Brazil, UAE
- John Sigerson (U.S.), Project Director, LaRouche Legacy Foundation: "A Tour of the Digital LaRouche Library"

Gretchen Small (U.S.), President, LaRouche Legacy Foundation: "Upcoming: Vol. II of the *Collected Works of Lyndon LaRouche*"

Dialogue

- **Igor Lopatonok** (U.S.), Director and Author of documentary *Ukraine on Fire*: "Shut Down the Nazi Kill List: It Is Not Just in Ukraine"
- **Bradley Blankenship** (U.S.), Journalist who writes for Xinhua and RT, "A Young U.S. Journalist's View of America's Criminal War Policy and the Attempt To Silence Me"
- **Eva Karene Bartlett** (U.S/Canada), Journalist, "Myrotvorets Is a Threat to Journalists Everywhere"
- **Mira Terada** (Russian Federation), Foundation to Battle Injustice, "The Initiative To Demand the UN Act to Defend Journalists from the Illegal Actions of Myrotvorets"

Dialogue

Panel 4

### The Art of Optimism: Using the Classical Principle To Change the World

**Music:** *"Abscheulicher! Komm Hoffnung,"* from Beethoven's Opera *Fidelio*, performed by Alyson Spina, soprano, accompanied by David Maiullo, piano.

Jason Ross (moderator): Opening Remarks

- **Dennis Speed** (U.S.), the Schiller Institute: Keynote Address: "Leibniz and America: The Best of All Possible Revolutions"
- Megan Dobrodt (U.S.), U.S. President, the Schiller Institute: "LaRouche's Principle of the Human Mind: Kepler and Our Harmonic Universe"
- Jacques Cheminade (France), President, Solidarité et Progrès and former Presidential Candidate: "Optimism, To Recover from our Mortal Illness"
- Anastasia Battle (U.S.), Editor, *Leonore* magazine: "Beyond Ideology"

Dialogue

# Moderator's Introduction Panel 2, Defend the Right To Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth

This is the edited transcript of Harley Schlanger's opening remarks introducing Panel 2, Sept. 10, 2022, of the Schiller Institute's Sept. 10-11 Conference, "Inspiring Humanity To Survive the Greatest Crisis in World History." Mr. Schlanger is a spokesperson for the Schiller Institute. The full video of Panel 2 is available is <u>here</u>.

It is often said that truth is the first casualty of war. Given that this has been demonstrated

throughout history, it should follow that preventing conflicts which might lead to war, or ending wars once they begin, requires an honest process of deliberation and dialogue between the parties. In the prelude to the present conflict in Ukraine, there was a prolonged effort by one side to address the question of security guarantees, a discussion which was repeatedly sabotaged by the NATO powers, whose leaders refused to even allow an honest dialogue to take place. The result is a deadly conflict which is deepening.

Meanwhile, the trans-Atlantic side continues to suppress the discussion of mutual security guarantees, insists that there be no negotiations, and is pouring in weapons and financial support to continue the fighting, with the intent—as stated by U.S. Defense Secretary Austin at the U.S. Ramstein Air Base in Germany several months ago—to weaken Russia.

Instead of dialogue, those who call for negotiations to end the conflict are placed on a hit list by Ukraine's Center for Countering Disinformation; labelled "information terrorists" and "war criminals" and "Putin propagandists." Some of them have been placed on a second list called *Myrotvorets*, which security experts have identified as a kill list. Some on the list have already been victims of assassination, including Russian journalist and activist Darya Dugina, killed by a car bomb near Moscow on August 20th, with compelling evidence



Harley Schlanger

pointing to Ukrainian special forces as behind the killing. In the interest of full disclosure, let me add that I am included on both lists.

On September 7th, the *Executive Intelligence Review* sponsored a press briefing titled, "Ukraine Blacklist Targets from the U.S. and Abroad Speak Out: Demand Congressional and UN Action to Shut Down Kiev's Kill List Operations." Speakers included military and intelligence professionals, candidates, journalists, and peace activ-

ists. A video of that press briefing is available <u>here</u>.

This panel will begin with a summary of the *EIR* report on the kill list, followed by speakers who are on that kill list. You will hear that this operation is not only funded by the U.S. and UK governments, and NATO, but officials from those governments have participated in discussions and planning sessions in Kiev to coordinate the silencing of opposing voices without any of them speaking out against it.

Our purpose in this panel is not to complain, as we're going to stick with Helga Zepp LaRouche's intent to provide solutions. *It's our intention to change this*. This must be exposed; the funding cut; and these operations shut down. Freedom of speech is one of the fundamental rights for American citizens, guaranteed by the First Amendment to our Constitution. After hearing from our panel, I hope you'll be moved to join us in our demands that this attempt to silence opposing views, including by assassination, cannot be tolerated and must be shut down.

The keynote to this panel is going to be given by Diane Sare, who is a candidate for U.S. Senate from New York. Her opponent is Charles Schumer, who is one of the people who has argued most vehemently for funding these special operations of the Ukrainian government. Diane's keynote address is titled, "The Best of All Possible Worlds."

# Diane Sare The Best of All Possible Worlds

This is the edited transcript of Diane Sare's keynote presentation to Panel 2, "Defend the Right To Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity To Survive the Greatest Crisis in World History." Mrs. Sare is the LaRouche party candidate for U.S. Senate from New York. The full video of Panel 2 is available <u>here</u>.



Diane Sare

If you're one of a tiny group of ultra-rich elites who thinks the world can only sustain about 1 billion out of the 8 billion people now living here, one thing you better make sure of is that the 7 billion people that you're intending to eliminate don't talk to each other. Even if you don't want to kill all 7 billion of them, but plan to starve only about 1 or 2 billion and loot and impoverish the rest, you're really going to be much more successful if your intended victims can be induced to believe that some of your other victims are the enemy.

Think of the irony of Americans fuming at the "illegals" streaming across our borders. It's popular to call them "illegals" as opposed to migrants, refugees, or displaced persons. But to take a lowly adjective with a negative connotation—namely "illegal"—and convert it to a noun so you can keep your distance from their humanity. Don't you realize that if you do nothing about the plight of these people that you will meet a similar fate? It is true that if you consider the cause of their misery, and who is using them as a political tool, you will confront an evil which is most uncomfortable to countenance.

We had a perfect example of this old British royal principle of divide and conquer a week ago Thursday, when President Biden asserted that 75 million Americans who voted for Donald Trump were, in effect, enemies of the state. So, if you're not with Biden, you're a traitor. And no decent American should be seen associating with you, because that would imply that they're a traitor too. People are programmed to be divided from their peers. That is, you're not supposed to talk to people who disagree with you. As a candidate, I get asked all the time, "Where do you stand on X?" with the frequent result that the questioner storms off saying that there is nothing more to discuss; throwing me into the heap of the untouchables. The people in this binary mindset also have no sense of humor or irony. For example, when one woman asked me, "Where do you stand on a woman's right to choose?" I said, "Well, I certainly don't think babies should be aborted up until the age of 13." She hissed

that "People like you were always saying that," and slammed her car door in my face. End of conversation.

When I point out that no one—and this is still true has yet asked me where I stand on the fact that 14,000 newborn infants died of starvation in Afghanistan just between January and March, people aren't interested. They think my position on Roe v. Wade is far more important, or my position on Donald Trump, whatever that means. I can't even figure that one out, so I've been unable to fit into their box. That's a good thing, because this box that they're trying to put me in, and put all of us in—the binary box—is probably somewhat like the box that Genghis Khan used to put his victims inside of, where they were suffocated to death while he used the box as a dining table to gorge himself on an extravagant dinner.

#### **Survival Requires Creative Thinking**

This problem of Americans and Western Europeans, as I've encountered, in not being able to think outside of the box so to speak, has had me very concerned about whether we're going to be able to survive. After all, the first step toward making a change is to recognize that perhaps there's an element in your underlying hypothesis of life which is anomalous; it doesn't fit in. A paradox that bears some investigation, which might cause us to completely alter our world view if we stop to examine it.

So, while we and our friends and family members are all being self-righteously divided from each other, I would ask you to consider a few things that are pretty obvious.

Take the price of gasoline for your car. I know all of

us are thrilled that the price is going down so fast because of the fantastic policies of the Biden administration, which has been lowering the price of gasoline at a greater rate than any administration ever in history. Of course, if they hadn't tripled it to begin with, we might be happier about this. But at any rate, does the person who voted for Donald Trump pay the same price for gasoline as the guy who voted for Liz Cheney or Joe Biden? Or is it different?

And when New York City experiences a major power outage because we foolishly shut down the Indian Point nuclear power plant, will it be only the illegals in the decrepit homeless shelters who suffer the consequences? Or will it be your 90-year-old aunt on the 10th floor of her apartment building? I'm sure if they could figure out how to only have the blackouts affect the poor—and they're doing some of that—they would do it. But believe me, when you insist on being an immoral bastard, you become stupid as well.

When we have a trans-Atlantic coalition spearheaded by the witless Biden administration, which is actually controlled by the UK's GCHQ, deciding that Putin must be brought down, even if every last Ukrainian between the ages of 18 and 60 has to die, including the 50,000 women soldiers whom President Zelensky is bragging about, whom does that affect?

Do you think all of the Ukrainians are cheering "Slava Ukraina" with their dying breaths? I doubt it. In fact, we know that probably most of them don't want to be in this war. Ukrainians who would wish to surrender are prohibited from doing so, and even Zelensky was prevented at least twice from negotiating an end to the war by then UK Prime Minister Boris Johnson and/or the Biden administration and NATO. After having slaughtered millions of people around the world through wars, as in Vietnam, through Iraq, and beyond, or through policies of economic privation as Malcolm X warned us would happen, the chickens are coming home to roost.

#### LaRouche Saw This Coming

We are now experiencing the full force of the results of our policies against humanity. The soaring inflation of the price of food and fuel, the lack of parts for our automobiles, the lack of fertilizer for our farmers which will result in a lack of food. We have brought this down upon our own heads. Lyndon LaRouche saw this coming already in the 1950s, and he warned about it. He recruited an entire movement to do something about it. He became a figure of Presidential stature and ran for President eight times, using those campaigns to mobilize the American people through publications and nationwide television broadcasts.

As a result, LaRouche became the target of this Anglo-Dutch liberal cabal which then moved to silence him, not only through attempted assassination. Consider that his publications, which had hundreds of thousands of subscribers, were declared involuntarily bankrupt by the U.S. government and shut down, that his formerly extremely effective half-hour nationwide television broadcasts were priced out of reach. He was called a "political extremist," "conspiracy theorist," and "lunatic fringe." All to prevent people from publicly associating with him, for fear of what their neighbors would think.

With the assault on Lyndon LaRouche, the American people had been placed in Genghis Khan's box. And they didn't even know it. Americans thought it was Lyndon LaRouche and his associates who were in prison; but it was actually *you* who were in the torture box as a result of our government's treatment of LaRouche. And I say "our government" advisedly, because we know that it was the British so-called intelligence that gave the orders to silence LaRouche's voice.

So, now we get back to Ukraine. What kind of unfathomable evil is this, where people are sent off to a horrible death, and our government is willfully pushing them over the cliff? The same goes for the mass starvation and the horrors unleashed by the sanctions our government is imposing on literally dozens of nations. And finally, we too are suffering from the results of the actions of our government. Many Europeans and Americans—as was mentioned in Panel 1—are about to have a very cold and hungry winter ahead. I'm getting messages on Facebook from people saying, "My Social Security check doesn't cover the price of meat, so I'm just eating rice and beans."

#### **A Win-Win Option?**

To the great dismay of the recently-departed Queen of England, and her son—now the ruler of the collapsing wreck known as the British Empire—two leaders decided to break out of the box. That was at the February 4th meeting between Russian President Vladimir Putin and Chinese President Xi Jinping, meeting on the sidelines of the Olympics, and signing an <u>agreement</u> to stand with each other for certain universal principles, human dignity, and scientific and economic progress. This powerful combination will certainly not be defeated by economic sanctions, especially since the number of nations now joining this new order probably exceeds 40% of the world's population. Maybe it's substantially higher—even more than a majority. So now, the more we talk about isolating them, the more we discover that it is we ourselves who are isolated.

It was with great relief that I discovered—not having bothered to think about it recently—that the United States, with our 332 million people, only represents 4% of the world's population. And we run around lecturing people about democracy? "We 4%, we're going to tell the rest of you how to live your lives and run your countries." Seems a little undemocratic to me; seems to be maybe only the nuclear bomb that makes us capable of enforcing this kind of "democracy." The population of the UK is not even 1% of the worldwide population, so perhaps you get a glimmer of why it is so necessary to keep the rest of us divided.

That's the purpose of the kill list; both to silence us through fear, using examples like Darya Dugina or Julian Assange, and any other number of whistleblowers who are currently incarcerated; and of course, the case of LaRouche. And to make sure that the 7 billion people who are being herded into the boxcars don't talk to us, by labelling us as "information terrorists" or "political extremists" or "insurrectionists."

As I said, the number of people getting on the boxcars is probably *less* than 7 billion, because so many of them are getting off the boxcars and getting onto a high-speed train for a more promising destination. This is why the Russian soldiers have the morale to keep up what is a very difficult fight against an enemy which is both sadistic and irrational, including Nazi Azov Battalion soldiers who, like ISIS fighters, are drugged in order to be able to carry out unthinkable atrocities. This is why the young people in Iraq, after 30 years of war, remain optimistic. This is also why the American people are so deeply *pessimistic*; because we're on the wrong side of history. We've abandoned the principles which once made us a beloved nation which inspired the whole world.

#### **Courage Begets Courage**

We have seen time and time again how courage begets courage, which is why Helga Zepp-LaRouche in particular is so important, and why each of the panelists here today represents an important spark of resistance to the would-be rule of law by the less than 1%. My greatest fear is not that these sadistic genocidal perverts will be successful in their schemes of global dictatorship, because I know they won't be. But, when their bankrupt and collapsing system finally implodes of its own toxic weight, will we be sane enough to work with Russia and China as LaRouche insisted, or will we unleash a New Dark Age from which the human race never recovers?

This is why the censorship must be ended; this is why in this year of his centenary, Lyndon LaRouche must be exonerated. Thank you.

# Gretchen Small Shut Down Ukraine's Center for Countering Disinformation, Global NATO's Thought Police!

This is the edited transcript of the presentation by Gretchen Small To Panel 2, "Defend the Right to Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity To Survive the Greatest Crisis in World History." Mrs. Small is with Executive Intelligence Review magazine. The full video of Panel 2 is available here.

Most people in the world had

never heard of the Center for Countering Disinformation at Ukraine's National Security and Defense Council before July 25 of this year, when the news broke internationally that the CCD—its English acronym had published a blacklist of over 70 personalities labeled "Russian propagandists," "foreigners in the service of Kremlin propaganda," with all that that entails.

No one at *Executive Intelligence Review* (*EIR*) or the Schiller Institute had heard of the CCD either, although the CCD certainly knew about the Schiller Institute. The first 31 international figures on the list

had spoken at conferences organized by the Institute this year to discuss the creation of a new international



Gretchen Small

security and development architecture!

EIR set up a task force to investigate. We confirmed that at least six of the people named on the CCD list also appear on the infamous *Myrotvorets* assassination list, three of them specifically on the basis of the CCD having designated them as Russian propagandists. Unlike the CCD, Myrotvorets, whose Orwellian name translates as "Peacemaker," is quite well-known internationally. It has been investigated by the United Nations Human Rights Commission and the French Office for the Protection of Refugees and the Stateless; in 2016, it had even been called out by the G-7 ambassadors to Ukraine for targeting foreign journalists. The French report found the terrorist site to have been linked from its start in 2014 to officials in the Ukrainian Interior Ministry, the Security Service (that is, the SBU), and the Border Guards Service. Yet it still operates today, which could not happen without the acquiescence of Ukraine's "international partners."

But while *we* may not have heard of the CCD, we discovered that NATO, the U.S. and British governments, and the European Union, not only knew about it, they helped create it, fund it, work with it, and *support the CCD's move to silence international opposition to Global NATO's attempt to become the policeman of the world*.

Let me be clear. *EIR* is not making up accusations. We know the monstrous intent of this blacklist operation from the mouths of the CCD and its backers themselves, and we found the proverbial foreign paystubs for it as well. Not from "anonymous sources familiar with the matter" either, but from public sources.

*EIR* published the first results of its investigation in its September 2 <u>issue</u>. Here I will highlight a few key findings. As I do, keep in mind the fascist outlook of the CCD, which glorifies the neo-Nazi Azov and Right Sector brigades as "symbols of the Ukrainian struggle"—that's what they call them—and describes Ukrainian society as "consolidating around hatred of Russia." Let the implications of such statements sink in.

On July 14, the day the CCD released its list of international "foreigners in the service of Kremlin propaganda," CCD acting head Andriy Shapóvalov told an international roundtable on "countering disinformation" in Kiev, that:

People who deliberately spread disinformation are information terrorists.

Shapóvalov demanded laws be changed so that "in-

formation terrorists, will have to answer to the law as war criminals." That roundtable was funded by the U.S. State Department. One of its co-sponsors was an outfit named Civilian Research and Development Foundation-Global. CRDF-Global is not the "independent" non-profit it claims to be, but is a U.S. state-sponsored operation: founded in 1995 by Congressional mandate, funded by the U.S. State and Defense Departments, the UK and Canadian governments, and the usual private foundations, and led by a team sporting long careers in the military-industrial complex.

Minimally, two representatives from NATO, two from the CRDF-Global, an official from GCHQ (the United Kingdom's National Security Agency), and a "strategic communications" specialist of the European Union's External Research Service, participated in the discussion of Shapóvalov's proposal for how "Russian propagandists" spreading "disinformation" should be treated as terrorists.

We later discovered that CRDF-Global has co-sponsored, funded, and provided technical personnel and training so often to Ukraine's National Security and Defense Council cybersecurity and counter-disinformation operations, that you might conclude that the Security Council doesn't operate without its OK.

Some U.S. Congressmen, such as Virginia's U.S. Senator Tim Kaine, who wrote a concerned constituent September 7 that "I do not believe that the CCD poses a threat to the safety of Americans," should take heed. When Ukraine's President Volodymyr Zelensky's close aide, Mikhailo Podolyak was questioned by the Indian daily *ThePrint* in July about the CCD blacklist, Podolyak aggressively defended the inclusion of representatives of foreign states, in what he called "military lustration lists." He called these "absolutely justified," and then he said:

I will repeat once again because it's important. These people ... are a kind of instrument of war. Ukraine is obliged to limit the influence of such people.

The CCD has functioned under international direction since it was formally launched in April 2021 at a meeting with the ambassadors of nine countries (including all of the G-7 ambassadors) and the heads of the European Union and NATO offices in Ukraine. Andriy Yermak, the head of Zelensky's Office of the President, told those present that the CCD was to function as "an international hub" for "countering disinformation."

Officially, the CCD has two responsibilities. One is "combating information terrorism." That means fingering "propagandists for prosecution or killing." Shapóvalov told a Ukrainian interviewer last February:

We see the full media picture of Ukraine around the world and inform the National Security and Defense Council about it.... We hand over everything useful and most interesting that we find to the SBU.

Even the *Washington Post* admitted on Sept. 8 that the SBU, Ukraine's infamous Security Service, has a special unit to liquidate opponents.

The CCD's other responsibility is its role as an "international hub." So, we can assume the CCD passes "everything useful" on to its international partners, too. For example, in the same interview in which he talked about fingering people for the SBU, Shapóvalov reported:

[The CCD] collects evidence of hate speech against Ukraine for use in international courts.

I do not have time here to detail the initial history presented in *EIR*'s dossier on how the U.S., NATO, and the United Kingdom moved in like gangbusters after the 2014 Maidan coup to instruct Ukrainian officials on how to organize "strategic communications" and run "counter disinformation" operations. Suffice it to say that foreign control over Ukraine's censorship operations did not start with the CCD.

But when you look at these operations, it becomes clear that Ukraine is being used as NATO's proxy to crush global opposition to NATO worldwide, as well as its proxy for war against Russia. Last March 28, the CCD issued a document titled "Information Terrorism: A Crime Against Humanity ..." This is detailed at some length in *EIR*'s dossier. The document argues that,

The international community must officially recognize information terrorism and declare Russia an infoterrorist state. Infoterrorism must be equated with actual terrorism and requires appropriate measures to counter it.

The CCD demanded the international community agree that anyone involved in any way whatsoever with so-called "infoterror" be treated as an "information terrorist." The CCD also asserted that it is "obligatory to designate a list of individuals sponsoring information terrorism," who are then to be sanctioned.

Remember, the people on the CCD's July blacklist are charged with being "infoterrorists" for saying such obvious things as "sanctions against Russia have backfired against other parts of the world"; or, as was the case with Helga Zepp-LaRouche, specifically for organizing "an international discussion on the new architecture of world security and the threat of World War III." That makes Helga a "war criminal"?

There was enough international blowback against the CCD for its blacklist, that it removed it from its main website August 11—although it is still visible from its Telegram channels. The operation, however, is proceeding apace.

On September 2, the CCD and the National Security and Defense Council of Ukraine reported that they had just held another international roundtable, this one a two-day conference on "Combatting Disinformation under Conditions of Military Operations." This confab was attended by representatives of 24 nations. They listed 18 speakers, 15 of them from among their "international partners." The whole gang was there: the U.S. Embassy's Public Relations Officer, the Chargé d'Affaires of the French Embassy, Germany's Political Affairs Officer, the head of NATO's StratCom partnership with Ukraine, etc.

Shapóvalov repeated the CCD litany: international law must recognize "infoterrorism" as a crime, and anyone committing such a crime must be designated an "information terrorist" and subjected to measures such as are applied to actual terrorists. The CCD claims all parties present agreed.

If thinking and dialoguing about policy—what we are doing here today—is now to be considered "terrorism" to be silenced, we are way beyond George Orwell's *1984*. This operation must be shut down.

# Col. Richard H. Black Forbid Unlawful Efforts To Silence American Citizens

This is the edited transcript of the presentation of Col. Richard H. Black as part of Panel 2, "Defend the Right to Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity To Survive the Greatest Crisis in World History." Col. Black was the chief of the U.S. Army's Criminal Law Division at the Pentagon, and a Virginia State Senator:

The full video of Panel 2 is available here.

What we're going to be talking about is the fact that the U.S. Congress, through its appropriations, has been funding the Ukrainian Center for Countering Disinformation (CCD). They are attempting, by doing this, to be able to control freedom of speech, not directly in this country—which is clearly unlawful but by having a foreign entity do it, where they can suppress free speech using American dollars to do it overseas.

I'm going to start off because the 71 people who have been put on the hit list by the Ukrainian Center for Countering Disinformation, what I call a hit list, is basically condemning us as war criminals, info terrorists, and Russian propagandists. So, I want to make it clear that that is quite wide of the mark. I'm just going to give myself as an example, but I think everyone who is involved could probably give something similar.

Let me just start by giving you a little of my background, because I want to make it very clear that I love my country; I've risked my life for it hundreds of times. I volunteered to fight in Vietnam. Mike Carly and I, two Marine Corps pilots, became the first two volunteers from the East Coast Helicopter Forces to volunteer to join the West Coast chopper pilots who were already in Vietnam.

While I was there, I flew 269 combat missions. My



Col. Richard H. Black

helicopter was hit by ground fire on four of those flights, and in one case, bullets that were aimed directly at me, were just a little too early, and they tore through the cowling of the cockpit just before my head. They very nearly hit me, and were aimed at me, very nearly hitting me. Later, during my tour of duty, I was fighting on the ground, and I heard that Mike Carly was shot through the face and killed as he flew Marine infantry men into battle, not ten miles away from me.

I was flying off the carrier Iwo

*Jima* in the South China Sea, near the coast of the Philippines, when the flight operations officer at the ready room briefed us in the morning. He said that our squadron had been tasked with providing a volunteer to fight on the ground with the First Marine Division, which was heavily engaged in combat at the time. I immediately volunteered, went to work with the First Marine Division, and fought in 70, often bloody, combat patrols. During my final patrol, I was wounded, and both of my radiomen were killed—Corporal Henry Smith and Lance Corporal Dennis Wargo. They died right next to me, after we had launched a rubber boat assault, and successfully landed on the far side of the Hội An River under enemy fire.

I served a total of 32 years in uniform; first as a Marine pilot, and then later as an Army lawyer. I ran legal offices at Fort Leonard Wood, Missouri; Fort Ord, California; and Fort Lewis, Washington. I would typically supervise 25–40 Army lawyers. Finally, I retired as chief of the Criminal Law Division at the Pentagon, where I testified before Congress, advised the Senate Armed Services Committee on issues of national importance, and prepared Executive Orders that were signed by the President of the United States.

All of that said, I am adamantly opposed to our current wars, especially the very dangerous war that we've engaged in, in Ukraine. I believe that U.S., UK,

and European Union have embarked on an imprudent course of action that carries a significant risk of eventually triggering an all-out nuclear war.

# The Dangerous Fraud of 'Countering Disinformation'

Recently, the Department of Homeland Security tried to establish a domestic center for countering disinformation here in the United States. Fortunately for us, Nina Jankowicz, an outrageous, narcissistic young lady, was the Department of Homeland Security pick to become agency head. Her presentation to the public was so bizarre that Americans simply recoiled at the idea of someone like her censoring their thoughts and expressions. So, the U.S. Center for Disinformation, run by DHS, has temporarily been blocked because of its potential for violating Americans' First Amendment freedoms. But DHS did not limit their censorship information efforts to the United States. It has exported them into Ukraine.

By the way, Nina Jankowicz is a very accomplished Ukrainian linguist, who is very deeply involved in governmental affairs there, leading up to the war. It is difficult to imagine that she is not really up to her knees in the information suppression efforts of Ukraine.

The Center for Countering Disinformation in Ukraine is financed by the U.S. government under H.R. 7691, which is called the Additional Supplemental Appropriations Act of 2022. This provides funding for the Ukrainian government and for its Center for Countering Disinformation. Many of the people they've targeted, including Senator Rand Paul and former Congresswoman Tulsi Gabbard, are very patriotic American citizens with strong, wellinformed views on foreign policy. It's the intention of the Department of Homeland Security and the Ukrainian Center for Countering Disinformation, to silence us.

For example, there was a communiqué that came in the other day, relative to a conference September 1–2. This was put on by Ukraine's National Security and Defense Council, and it's now-notorious Center for Countering Disinformation. There were representatives from NATO, from the U.S. State Department, and from European nations in attendance. Oleksiy Danilov, the Secretary of the Ukrainian National Security and Defense Council, said, "Today, our goal is to form an international hub for countering information threats at a national and international level. International law must recognize info terrorism as a crime, and that anyone committing such a crime should be declared an 'information terrorist,' subject to measures that are applied to actual terrorists," which presumably includes the death penalty.

#### Unlawful Acts by U.S. Agencies

It's unlawful for a U.S. agency to fund a foreign agency in order to censor American citizens. It's unlawful for the agency to do it here; *it's unlawful for them to fund and pay off another country to do it over there*.

The Ukrainian CCD makes available names and personal information to a murderous, Kiev-based website, *Myrotvorets*, which is suspected of encouraging such killings as the Moscow car-bombing of Darya Dugina, who was the daughter of a prominent Russian activist and journalist. They have also listed on their website—which is very extensive, it includes thousands of people—hundreds of children whose crime is that they posted pro-Russian Facebook entries on their computers.

Also, while the facts remain very speculative, and I want to be clear on that, the *Rio Times* [in Brazil] now sees links between Ukraine and the attempted assassination of Argentina's Vice President Cristina Kirchner. Kirchner was criticized early on by Ukrainian sympathizers for refusing to harshly condemn Russia's special operation in Ukraine, and for calling for peace talks to end the war. Whether the Ukrainian Center for Countering Disinformation is involved or not, these violent acts suggest that the CCD is encouraging them. They may not be behind them, but they are certainly encouraging them.

So, it's our position that the Congressional appropriations must *explicitly* forbid Ukraine from using funds to silence patriotic American voices. Thank you.

# Dr. George Koo America Must End Funding a Hit List

This is the edited transcript of the presentation of Dr. George Koo to Panel 2, "Defend the Right to Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity to Survive the Greatest Crisis in World History." Dr. Koo is a retired business consultant, and the founder and current Chairman of the Burlingame Foundation. The full video of Panel 2 is available here.



Dr. George Koo

Hello everyone! My name is George Koo. I'm a retired international business advisor, and I write commentaries on U.S.-China relations as a hobby, an occupation.

I was somewhat surprised really, and puzzled that somehow my name was placed on that blacklist which we're all talking about. The only thing I know about Ukraine and Russia is, I've been to both countries as a tourist, but otherwise, I don't claim to have any expertise on either country.

I participated in a Schiller conference where I was primarily invited to comment about where China stood in the conflict between Ukraine and Russia, and I probably said something to the effect that the U.S. and NATO were really responsible and complicit in pushing Russia into this particular conflict. But I certainly didn't say anything about the history of corruption of Ukraine; I certainly didn't say anything about the right-wing Nazis dominating Ukraine.

So, it's on the one hand, flattering to be part of all the luminaries who have been made into this blacklist; on the other hand, I strongly resent that if this blacklist is the result of government funding from the U.S., it seems to be a

wanton waste of our taxpayers' money, and it's not justified.

Heaven knows, our leaders—military, government, and otherwise—kill other people routinely. We use drones to assassinate leaders from other countries, and so far as I know, none of them has made any blacklist of any kind. And here we are considered to be the enemies of Ukraine.

So, I just want to add my two cents, and voice my displeasure and complaint and protest for the existence of this particular blacklist. I hope that the people in our government will take this to heed and investigate, and stop this kind of nonsense. Thank you very much.

# James Jatras Schiller Institute—Lightning Rod To Meet Perilous Times

This is the edited transcript of the presentation of James Jatras to Panel 2, "Defend the Right to Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity To Survive the Greatest Crisis in World History." Mr. Jatras is a retired former diplomat and a former advisor to the U.S. Senate Republican leadership. The full video of Panel 2 is available <u>here</u>.



James Jatras

I want to express my gratitude to Helga Zepp-LaRouche and the Schiller Institute and The LaRouche Organization for inviting me to participate in this very important event.

We live in very perilous times. We are living with an increasing threat of global war because of the way the Biden administration, with the support of not only Democrats in Congress, but Republicans in Congress, has been pressing this proxy war against Russia in Ukraine, and the threats we have in the Far East over Taiwan. I don't think we can overstate how dangerous this is.

At the same time, we have the Biden administration essentially declaring war on a huge segment of the American people, declaring them to be enemies of the people, enemies of democracy, fascists, as the President stands before a backdrop of what only can be considered a fascist scene from a movie somewhere.

Then, we have to add to that yet another ingredient with this so-called "hit list" or this identification from the Ukrainian government of people whom they designate as "information terrorists," as essentially combatants in this proxy war. As we know, some of these lists really set up people for assassination, as we saw recently with Darya Dugina.

The worst thing about this, what we have to say as Americans is, we are funding all of this. This is our money being poured down into this effort that is then being used to turn around and designate Americans in this way and potentially set them up for violence against them by one or a number of intelligence services around the world.

More than that—and I don't think sufficient attention has been paid to this—not only are we funding these activities by the Ukrainian government, but almost certainly, in my professional opinion as a former Senate staffer and a former Foreign Service officer, almost certainly our intelligence agencies are complicit in drawing up these lists that identify individuals who will be targetted in this way.

So, I think it's very important. We have a big job ahead of us, if we want to recover any kind of sense of integrity in our government, to demand that these kinds of activities stop; that Congress cut off the funding for these kinds of activities; that a light is shined on whoever is behind this in our government and has been complicit with this. I say this is a big task because, at this point, there's very little pushback from anybody in positions of power. In Congress, and certainly the Democrats, and even almost all of the Republicans are on board with these things.

So, people do need to mobilize. They need to voice their opinion to Congress, to the media, and so forth, to demand that these activities be stopped. That's why I do want to pay special tribute to Helga Zepp-LaRouche and to The LaRouche Organization and the Schiller Institute for being not only the flagship in pushing against this, but also clearly being willing to be the lightning rod; being the people who are being singled out by this outof-control, undemocratic, and intolerable activity by our government. I hope that people will notice the role that's being played by this organization and will support it.

# David T. Pyne How Is Promoting a Realistic Peace Plan a 'War Crime'?

This is the edited transcript of the presentation of David T. Pyne to Panel 2, "Defend the Right To Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity to Survive the Greatest Crisis in World History." Mr. Pyne is Deputy Director of National Operations for the EMP Taskforce on National and Homeland Security, and



David T. Pyne

timely, given that President Biden has recently issued a prime-time tirade denouncing 74 million Americans who are supportive of America First policies, America First foreign policy, as domestic violent extremists and fascists. I think his administration has been the one who is actually pursuing such fascistic methods and policies, and trying to censor free thought, especially any thoughts that would go against the administration's war policy in support of, instead of ending, the war in Ukraine, actually lengthening it.

*also writes for* The National Interest *magazine*. *The full video of Panel 2 is available <u>here</u>.* I think this conference is very important, very Just to give a little background. I currently work as the Deputy Director of National Operations for the EMP Taskforce on National Homeland Security. I'm a former U.S. Army combat arms officer, I also worked as an international programs manager for the Department of the Army Headquarters Staff in charge of armaments cooperation with the former Soviet Union, Eastern Europe, the Middle East, Africa, and the Americas from 2000-2003. I have two graduate degrees. I completed a master's degree for national security studies from Georgetown University. And I'm currently serving as a contributor to *The National Interest*, a foreign policy journal. I was also a contributor to Dr. Peter Pry's book, *Blackout Warfare*, as well as his upcoming book, *Will America Be Protected*? which is due out later this year. And finally, I'm editor of a newsletter titled, "The Real War," which is available at <u>https:// dpyne.substack.com</u>.

Back in January, I began writing a number of articles in support of peace in *The National Interest*. I warned that if the Biden administration didn't agree to Russia's essential basic demand that we issue a written guarantee that Ukraine would never be allowed to join NATO, then Russia would invade Ukraine later the following month. And of course, that's exactly what happened.

Then I began writing a number of articles with ideas for how we could negotiate a mutual security agreement, similar to, but not exactly the same as what Russia proposed back in December, and kind of de-escalate our hostilities and all of our conflicts with Russia so that we could re-establish a more just and lasting peace in Europe and avoid any future conflicts with Russia.

On June 18, I published a 15-point peace plan to end the war in Ukraine. That is something that put me on the radar of Ukraine. I previously had published a peace plan back in early March, and received some negative feedback from a Ukrainian source in April, denouncing me as a "paid agent of the Kremlin." In this subsequent article, in June, it was essentially about ending the war with kind of a peace without victory.

Under my proposal, Ukraine of course would become neutral, cutting off all ties with NATO. That's something that Zelensky said he was open to, and would accept, as early as February of this year, after the invasion. Russia would have to withdraw from all Ukrainian territory. I don't consider Crimea to be part of Ukraine anymore, because obviously it was annexed by Russia back in 2014, except for the Donbas. The Donbas region [could] have a popular referendum to decide on the question of independence. That is what got me in trouble and got me put on this blacklist that was issued by the Ukrainian Center for Countering Disinformation, which I have since learned is U.S. government funded, which I find very disturbing.

I received a deluge of negative emails, scary emails from Ukrainians attacking me, using a lot of profanity and denouncing me as a Russian agent for publishing this very sincere peace proposal, which I think would be fair to both Ukraine and Russia. I think it's something that is realistic. We have to be realistic. I'm a foreign policy realist. Yet, it's something that I think would end the war and end the death and destruction in Ukraine. And we could accomplish that very quickly and have a return to normalcy in Europe, which would allow for the process of Ukrainian reconstruction to begin.

I also learned that noted national security strategist Edward Luttwak was put on the Ukrainian blacklist for the same reason that I was—he had also proposed some sort of popular referendum in the Donbas region on the question of independence as a potential compromise.

I do want to say that I've since seen some signals from the Russian government that they would be supportive of a peace plan along the lines that I issued. So, despite the obvious fact that they're directly responsible for the war in Ukraine, because they invaded Ukraine, they've actually been the most interested in peace, because they have very limited objectives that they've articulated beginning the day after their invasion. I've been tracking all their peace proposals, and those peace proposals have remained the same since early March. Again, the only major difference between what I proposed and what they proposed is the idea of a popular referendum, which I think they're coming around to. But that would leave open the possibility that Ukraine could expel Russian forces from all of Ukraine, including the Donbas, were the people of the Donbas to choose to stay with Ukraine versus becoming independent.

It's very difficult for me to understand how the Ukrainian government could possibly denounce me as a Russian agent, given the possibility that this could provide them with the opportunity to essentially win the war in a bloodless victory. I've learned that other more well-known Americans on this list include Senator Rand Paul, former Representative Tulsi Gabbard, Colonel Douglas Macgregor, and Dr. John Mearsheimer, who is one of our premier foreign policy analysts from the realist school, as I am.

In no way are any of us guilty of disseminating Russian disinformation. I think the only real offense that we've committed is that we are much more supportive of a policy of peace rather than war, and that we've been very patriotic in that support. America's lasting foreign policy, at least prior to World War I, was one of supporting peace and being the *peacemaker* of the world, rather than the *peacekeeper* of the world in terms of being a world policeman. I think we need to return to doing that.

But Biden's undeclared proxy war against Russia in Ukraine, particularly in terms of providing long-range rockets to Ukraine to strike Russian targets inside Russian territory, I think is greatly increasing the chances of Russian nuclear escalation. And the constant onslaught of Ukrainian government war propaganda and disinformation has really had a negative impact on our national security, and I think it's something that we need to counter. Because the number one national security interest of the United States is to avoid a nuclear war with Russia and China.

Since that list was issued, I'm very pleased to hear that as of August 11, the Ukrainian Center for Countering Disinformation removed from its website its disgraceful blacklist of American citizens and folks from other Western countries. And I credit *EIR* for helping to accomplish that, so I'm grateful to them for all the hard work they've done to do that. But I think the truth is coming out about Ukraine's corrupt and autocratic leader. Zelensky is not really a democratic leader, he's much more of an autocrat, and also very corrupt.

Thank you.

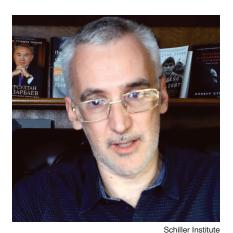
# Igor Lopatonok Shut Down the Nazi Kill List: It Is Not Just in Ukraine

This is the edited transcript of the presentation by Igor Lopatonok to Panel 2, "Defend the Right to Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity To Survive the Greatest Crisis in World History." Mr. Lopatonok is a film maker, director, and producer. He directed the 2016 documentary film Ukraine on Fire.

The full video of Panel 2 is available <u>here</u>.

Hello, I'm Igor Lopatonok. I am a filmmaker, director, and producer. You probably have seen my films *Ukraine on Fire* and *Revealing Ukraine*. Overall, I did four movies dedicated to the Ukrainian crisis from 2014. The latest was released in 2021.

I want to talk today about the policy of the death list website *Myrotvorets*—"Peacekeeper" in English which was created in 2014 in Ukraine. As a proud member of that death list, or kill list website, I want to touch base and explain what is going on in Ukraine with freedom of speech, what kind of regime Ukraine is now, how they threaten and try to scare independent journalists, and how they try to make the narrative be



Igor Lopatonok

located only in one field.

First of all, when the coup d'état happened in Ukraine February 18–20, 2014, that was already a big help to moderate the narrative. Three TV channels were set up before that coup—Espreso, Hromadske, and of course UkrStream—and they were jumping on the wagon of the socalled revolution, and immediately spreading the narrative to Ukrainian audiences. They were financed from abroad. For example, we have records of the George Soros Foundation in the world, and the

Embassy of the Netherlands, and others.

This media attempt to moderate the narrative was, from the beginning of when the coup succeeded, when they tried to go after all independent voices in the field. That was initially 2014, with support of Anton Gerashchenko, at this time the man who was a famous leader of protests in Ukraine; and Arsen Avakov, who later proceeded to be the chief of police in Ukraine, or Minister of Internal Affairs. Avakov's the guy, I want to point out, very famous for different subjects of what he did, for different policy. He was the godfather of the Azov Battalion. He did not form the Azov Battalion by himself, but he supported and legitimized the Azov Battalion, giving them the status of National Guard in Ukraine. This paramilitary formation of ruthless, neo-Nazi-ideology-line people was given complete legitimacy to be part of the Ukrainian military.

Avakov was a godfather of that famous *Myrotvorets* website. What they actually do is gather all data about independent journalists, writers, filmmakers, speakers. Initially, it was everybody who was in the eastern part of Ukraine, in the area we know as the Donbas. But after that, they went after all Ukraine, and after all of Ukraine they went abroad, they started targeting foreign journalists. They were famous for publishing the personal data of more than 5,000 foreign journalists, who were working in the Donbas covering that conflict, which actually I believe has all the signs of civil war in Ukraine, more than the foreign intervention.

*Myrotvorets*, or Peacekeeper, was criticized for doxing people, for publishing their personal data, and geo-targeting, geo-locating people—journalists and others—and making that information very public. Second after the first victim was killed, the famous Ukrainian writer Oles Buzina—he was killed because of that website, and another was killed, a parliament member of Ukraine. That led to consequences. First of all, Facebook banned the profile of *Myrotvorets* or Peacekeeper website on Facebook. After that, they went after Azov, and they were ready to announce them as a terrorist organization.

But suddenly, everything changed. What changed was the Mr. Biden team came back into power, and after that we know that that kill list website was famous for bragging about people who were killed, publishing their pictures [overmarked] with big red letters saying "Liquidated," or "Terminated." They went after Darya Dugina, who was assassinated by a suspected Ukrainian military woman named Natalia Vovk. There were a lot of footprints in the snow left behind this. And after that, publishing on their website the data on Roger Waters and others-there were, overall, like 600,000 names gathered on this website-a lot of people from Russia, a lot of people from the media business in Russia or celebrities. They're using the technique, where they want to publish somebody very well-known, in order to bring attention to them.

Who is advising them? This is a very good question, because it is known that Anton Gerashchenko has no intellectual capacity to do something like that. But after a careful investigation of these things, we see the real professionals—so-called self-proclaimed, informational influence operator, ex-U.S. military Brig. Gen. Joel Harding, and other activists who are abroad and who are sharing with the Ukrainians technique and knowledge, technology, and templates—how to go after people and how to organize a campaign to eliminate from the field voices they don't want to hear.

Because those voices are very dangerous for their policies. They want to brainwash and manipulate Ukrainian society; also, they want to brainwash and manipulate the *entire world society*—especially the Western world. They are quite successful in that. And everybody who is raising their voice against this mainstream narrative, they are practically all "agents of Putin," or "Putin apologists," or working for the Kremlin one way or another.

I have been on that website from 2019 for my film *Revealing Ukraine*. Also, my executive producer and my interviewer, who gave a lot of help to make that movie happen, is my dear friend Oliver Stone, here. Also, a lot of other people. I can include some very unique names, like Henry Kissinger or Mikheil Saakashvili. It's very strange to see dead people here, because they do totally opposite on the other side of the barricade. But, as I mentioned before, they're putting in celebrities on the list, they're putting very well-known politicians on the list, because they want attention to them.

I think this is a very dangerous example that can lead to more consequences than we're experiencing right now. I believe that it can lead to establishing such a kill list in the United States, and targeting, not now for just a Ukrainian crisis and Ukrainian narrative, but for a United States domestic narrative. This is why we need to raise our voices, and we need to do everything to shut down that *Myrotvorets* website, to expose everybody who is helping them, to expose all their wrongdoing, understanding that it is our freedom of speech that is under ruthless attack from people who we need to call by their names: The first name we need to use is, we need to call them Nazis. Because this is a tactic that Nazi Germany used during World War II and before. We are facing this rebirth of the Nazi Fourth Reich, and now it's called Ukraine.

This is actually everything that I want to share. More you can find out in my films: *Ukraine on Fire*, *Revealing Ukraine*, *The Everlasting Present*, and *Maidan Massacre*. Thank you very much.

# Bradley Blankenship A Young U.S. Journalist's View of America's Criminal War Policy and the Attempt To Silence Me

This is the edited transcript of the presentation of Bradley Blankenship to Panel 2, "Defend the Right to Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity To Survive the Greatest Crisis in World History." Mr. Blankenship is an American journalist who writes for Xinhua and RT.



*RT. The full video of Panel 2 is available here.* 

Bradlev Blankenship

actually happened to me. Several years ago, at the height of the Syrian war, I was affiliated with a news agency called Al-Masdar news agency. We were accused of being funded by Hezbollah, which many of you know is a U.S.-designated terrorist organization. So, that implied that we were somehow affiliated with a terrorist organization, and this accusation was levelled by an Israeli-backed group called PropOrNot, which was picked up by the *Washington Post*. It was on the international media after this. I was personally accused of being funded by Hezbollah, which you can imagine, is quite a heavy

accusation.

I was also affiliated with TeleSUR. I lived in Ecuador for a while. The U.S.-backed Lenin Moreno regime sanctioned our organization. We were unable to get paid, and the police were harassing us and in particular me, while I was the editor on duty at this building. We had armed guards there to protect us. You can imagine, as a person in their early 20s, that this is quite a scary situation. Shortly thereafter, I moved to Europe, and I right now live in the Czech Republic, where I have also

> been targetted for my views. For example, at one point, the Prague City Council tore down a statue to Ivan Konev, the Soviet General who liberated the Czech Republic from Nazi tyranny. They tore down the statue, and shortly thereafter built a placard in Prague Six [a residential area in northwest Prague] that is dedicated to Nazi collaborators. I pointed this out in a column, and I was immediately targetted by the Czech media, Czech nationalists, anybody you can think of. I've been targetted by tabloids here, people trying to dig into my life. Shortly after Russia entered the conflict with Ukraine, I had people show up to my house—a mob trying to attack me, and I had to call the police.

> This is not a joke; this is our lives. Particularly here in the Czech Republic and many other parts of the world that used to be part of the Warsaw Pact, there are laws in place—for example in the Czech Republic—that you

Hey, everybody! Thanks a lot for this opportunity. I think what the Schiller Institute is doing is really great, supporting us who are on the list.

First, I'd like to talk a little bit about my perspective, because I think—no offense to the other people on the list—but I think I'm probably the youngest person there, so my experience is a little bit different. Before Scott Bull rushes me here, I have to say that just being the age that I am, and experiencing the things that I have—for example, I was born in Cincinnati, Ohio, I grew up in northern Kentucky, which is basically the epicenter of the heroin and opiate crisis in the United States. The experience I've had seeing how little the United States government cares about its citizens, has inspired me to do all the work I do now, especially criticizing the policies of the U.S. government.

Because of that, because of what I've witnessed in my personal life, the destitution of people around me and so on, and also discovering U.S. foreign policy later in life, this has all really driven me to the point where I can say I don't feel like I'm a patriot. I don't feel like I respect my country. And it's precisely because of lists like this, that target people like me and people like Scott Ritter and others, people like Geoff Young.

I should note that this is not the first time that has

can be sent to prison for having pro-Russian views. Though I understand that this has not been implemented so liberally, it is still something that can happen. And me particularly being on this blacklist and a foreigner in this country, I'm at particular risk of this.

I just wanted to say that, especially addressing the question from the gentleman from TASS, that imprisonment is a form of political violence. And yes, I can totally imagine—and it is happening now—there are people here in the Czech Republic who have been prosecuted and sent to jail for having allegedly pro-Russian views. Depending on how far they're willing to take this, I could be one of those people.

In fact, I should note that I have been summoned to the Ministry of Interior next week. So, in fact, I might be detained at that point. This is something that I'm dealing with in my life.

As far as why I was on the list, I think it's quite interesting. I was surprised to find myself on this list. I should say that I'm a reporter for Xinhua News Agency here in the Czech Republic, a columnist at RT, as well as a columnist at CGTN and various other Chinese media outlets. The reason I was surprised to find myself on this list is the reason I described: that I said that the sanctions against Russia are not working, right? If you would just happen to be a person living in the world today, that is so obvious.

I live in Europe; I'm seeing the energy crisis here. For example, we just had 70,000 people march in Wenceslaus Square in the center of Prague, opposed to their own government's policy and demanding the resignation of the Czech government because of their policies. They also said that I'm a Russian propagandist because I said Ukraine is a hotbed for right-wing extremism. I was on RT's "Cross Talk" with Peter Lavelle, and the day after that I said, "The day after that was the Buffalo, New York shootings." This is happening to people right now.

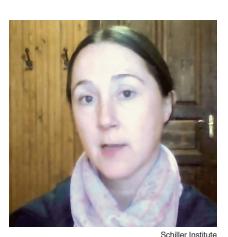
According to the list, I said that I believe the world should negotiate with Putin. What I said was the world should negotiate with Russia. That is a principled, propeace position. If you care about Ukrainian life, Ukrainian infrastructure, the Ukrainian economy, you don't want this war to continue. That's exactly what we're doing with our policies of arming and propping up the Zelensky government. That has nothing to do with being pro-Russia. I will also note that on my column in RT, I explicitly said that I believe that the war is a violation of international law. So, to describe me somehow as supporting the Russian state, is absolutely ridiculous.

Thank you.

## Eva Karene Bartlett Myrotvorets Is a Threat to Journalists Everywhere

This is the edited transcript of the presentation of Eva Karene Bartlett to Panel 2, "Defend the Right to Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity To Survive the Greatest Crisis in World History." Ms. Bartlett is an international journalist.

*The full video of Panel 2 is available <u>here</u>.* 



Eva Karene Bartlett

2007, when I first went to Occupied Palestine. In late 2008, I went to the Gaza Strip, where I lived for a cumulative three years until March 2013, living there off and on. I was there during the 2008-9 Israeli war in Gaza, and also the 2012 Israeli war in Gaza.

In April 2014, I started reporting from Syria, and I continued to go back to Syria, including last year, a cumulative 15 times now, sometimes for extended periods.

In September 2019, I first went to the Donetsk People's Republic

Hi. My name is Eva Karene

Bartlett. I'm a Canadian and American citizen and journalist. I've been reporting from conflict zones since in the Donbass and spent about three weeks there around the northern village of Horlivka, visiting ar-



This photo of a Donetsk People's Republic soldier appears in Eva Bartlett's firsthand report in MintPress News, Oct. 16, 2019.

eas that were being shelled on a daily and nightly basis by the Ukrainian forces, and speaking with the mostly-elderly residents whom I met, residents who were being terrorized by the Ukrainian shelling. They had nowhere to go, and had only the option of remaining there under the shelling, patching up their homes as best they could. It was truly an appalling situation.

The administrator of the village of Zaitsevo described the Ukrainian shelling and deliberate attacks on homes as Ukraine taking out and destroying house by house, street by street. Indeed, while I was there, I saw the smoldering remains of a house that had been shelled a day or two prior.

After my 2019 visit, I wrote a lengthy article for *MintPress News*, detailing what I'd seen and heard and experienced. At some point after that, I was placed on the notorious Ukrainian *Myrotvorets* kill list. Now, that didn't stop me from reporting. I continued to go to the Donbass this year; going in March with a delegation of other journalists, and then in April going back on my own, staying for a few weeks and doing

so in subsequent months, until mid-August, when I left the Donbass.

In reporting from both the Donetsk and Lugansk People's Republic, I've seen and heard of many of Ukraine's atrocities and war crimes. For example, in one of my visits, Ukraine shelled a busy marketplace, killing five people. The bodies were still lying in the market when I visited.

In, I believe it was June, Ukraine—in an intense bout of Ukrainian shelling of the center of Donestsk—again, no military infrastructure there whatsoever. Purely civilian infrastructure, purely Ukrainian terrorism of civilians— Ukraine bombed a maternity hospital.

In last July, Ukraine began firing rockets containing the prohibited "Petal" or PFM-1 [anti-personnel] mines, raining them down on Donetsk and surrounding areas, including the very heart of Donetsk. These mines are incredibly difficult to spot, even when they've been indicated and there's some sort of indicator around them. I myself saw many of them, but had a hard time picking them out visually. Obviously, I did not get close enough for them to blow my hand

or feet off as they are designed to do. When I last saw an update, nearly 60 civilians have had primarily feet, but also hands, blown off by these prohibited mines.

Ukraine signed the Ottawa Treaty, and its use of these mines is illegal; it's a war crime. So, this is one of many war crimes I have documented in reporting from the Donbass. Canada unconditionally supports



Outlawed by the Anti-Personnel Landmines Convention (Ottawa Convention) in 1977, nearly 60 civilians have had their feet and hands blown off since July when the Ukrainian Army began raining down PFM-1 ("Petal") mines on Donetsk.

Ukraine. Canada has funded Ukraine up to \$1 billion. Canada has trained Ukrainian soldiers, including Azov, and Canadians themselves have gone to fight in Ukraine. If they didn't already have this Nazi ideology, certainly after being in Ukraine and indoctrinated by the Nazis there, Canadians returning to Canada will almost certainly have this ideology. If I as a journalist and a Canadian citizen were to return to Canada, I have no idea what some of these Ukrainian nationalist-type Canadians would do to me. But I'm certain the Canadian government would not protect me at all.

Additionally, in July, Canada state broadcaster and

#### It may have been coincidental that Ukraine bombed a hotel full of journalists, or it may not, because it was well-known that journalists stayed there.

main propagandist, the Canadian Broadcasting Corporation, or CBC, ran a smear on me in which they basically depicted me, of course, as a Russian propagandist, not even discussing what I've reported on from the Donbass, and thereby whitewashing the Ukraine war crimes. CBC, instead, in its report focussed on my participation in a war crimes tribunal in Moscow. The interesting thing about that, aside from the actu-

ally quite shoddy and pathetic smear of me, is that the CBC listed me as participating in that tribunal in April, when in fact it was March 11th. Where did the CBC get that information? Well, the only place they could have gotten that information is Ukraine's *Myrotvorets* smear-list entry on me, which details my participation in that panel and incorrectly lists it as being in April.

So, I know for a fact that the CBC is aware of the kill list and is aware of my entry on it, but chose not to report on it. So independent media reached out to me in late May and conducted an interview with me on my reporting from the Donbass and also on the *Myrotvorets* entry. They concluded by saying they were going to contact major corporate media in Canada. Not a single corporate media entity has contacted me about that kill list.

It may have been coincidental that Ukraine bombed a hotel full of journalists, or it may not, because it was well-known that journalists stayed there.

On August 4th when I was in Donetsk, Ukraine was bombing the very center of the city heavily. The

first three bombs were about 200 meters away from the hotel I was staying in. The fourth and fifth landed 50 meters away and then exactly next to the hotel. It may have been coincidental that Ukraine bombed a hotel full of journalists, or it may not, because it was wellknown that journalists stayed there. Four days prior,

Louise Mensch had tweeted at Ukrainian special forces that I was in the Donbass. The tone of her tweet was effectively to "liquidate" me, as the *Myrotvorets* folks like to say.

Returning to the issue of *Myrotvorets*, it's absolutely appalling that a database like this exists, openly calling for the mur-

ders of people like myself, yourselves, 327 children, simply because we are speaking about Ukraine's war crimes and we're speaking about the corruption within Ukraine. This list presents a very real threat to Ukrainians themselves, not only to journalists and to people who are speaking out, but to Ukrainians within Ukraine proper. Many of these Ukrainians have already been disappeared or killed.



Courtesy, Eva Bartlett

Shelling by Ukrainian forces hit central Donetsk, including a funeral and a hotel (shown) where numerous reporters stay and work. Aug. 4, 2022.

As I said before, none of this will stop me from reporting, and I'm preparing to return to the Donbass in the near future. But the *Myrotvorets* list should not exist. We must do everything we can to have it removed, and hold those behind it and those who are tacitly supporting it accountable for terrorism.

# Mira Terada Initiative: Demand the UN Defend Journalists from the Illegal Actions of Myrotvorets

This is the edited transcript of the presentation of Mira Terada to Panel 2, "Defend the Right To Deliberate! Speak Out Against Blacklists and the Suppression of the Search for Truth," of the Schiller Institute's Sept. 10–11 Conference, "Inspiring Humanity To Survive the Greatest Crisis in World History." Ms. Terada, a Russian citizen, is head of the Foundation To Battle Injustice.

The full video of Panel 2 is

available here.



Mira Terada

Hello everyone. I would like to thank the Schiller Institute and the *Executive Intelligence Review* for this event and the opportunity to participate and contribute in it.

The Ukrainian nationalist resource *Myrotvorets*, which is in fact a legalized terrorist organization in Ukraine, and created on the initiative of a former freelance advisor to the Minister of Internal Affairs of Ukraine, collects and publishes in its database, persons allegedly involved in anti-Ukrainian actions or words. Personal data is obtained illegally, published without permission, and exposes people's lives and safety to a real threat.

The administration of the site, which has proclaimed itself a group of specialists, publishes the residential addresses, document numbers, and other personal data of everyone who comes into the field of view of the *Myrotvorets*.

As the head of the human rights organization Foundation To Battle Injustice, I have been working for several months to close this resource and recognize it as a terrorist organization. This is the reason why my personal data was also published on the *Myrotvorets* database. The foundation's human rights defenders analyzed the data posted on *Myrotvorets*, on the basis of which we had two press conferences in Moscow, the main purpose of which was to attract the attention of the world community to the illegal publication of personal data of journalists and underage children.

#### Journalists, Children Targeted for Attack

Moreover, the human rights defenders of the Foundation To Battle Injustice have transferred the collected materials to the United Nations through the First Deputy Permanent Representative of the Russian Federation to the UN, Dmitry Polyanskiy, and to the UN Children's Fund, UNICEF.

I also would like to inform you that

the Foundation To Battle Injustice submitted documents to the Federal Security Service of Russia, to investigate the activities of the *Myrotvorets* website and to recognize those involved in the creation of this resource as a terrorist organization. According to the materials collected by the human rights defenders of the Foundation To Battle Injustice, the Ukrainian nationalist resource contains personal data of at least 327 minors, including their residential addresses, links to social media pages, contact numbers, etc.

The youngest of the children in the *Myrotvorets* database is not even 10 years old: a girl born in 2012 was published on the database because of participation in an action dedicated to the 76th anniversary of a victory in World War II on May 9, 2021 in the city of Gorlovka, Donetsk People's Republic [D.P.R.]. Another 9-year-old, from Russia, was listed on the *Myrotvorets* website only because her parents posted on the Internet a video of their summer vacation on the territory of Crimea. Many children received threats, including physical violence, after the publication of personal data on the Ukrainian website *Myrotvorets*.

In addition to the personal data of minors, *Myrotvorets* contains the data of journalists from Russia and the world. During the analysis of the Foundation To Battle Injustice, we came to the conclusion that the database of the Ukrainian nationalist resource contains the personal data of at least 341 journalists from 31 countries of the world. The targets for the administrators of the Ukrainian website are media employees accredited in D.P.R. and L.P.R. [Lugansk People's Republic] who have visited those republics and Crimea, and also expressed a point of view that differs from the official position of Kiev.

In order to give at least a faint illusion of legality to their actions, the administrators of the *Myrotvorets* put forward serious accusations of crimes against Ukraine by journalists. Many journalists who became victims of the criminal activities of *Myrotvorets* reported that after the publication of their personal information on the site, they began to receive threats. Ukrainian journalist Oles Buzina, who was mentioned before, who was killed in Kiev in 2014, shortly before his death said that he received threats referring to the *Myrotvorets* database. A total of 12 journalists from the *Myrotvorets* list died violently, most of whom were Russian citizens, including Darya Dugina, whose personal data was posted a month and a half before her death.

The publication by Ukrainian nationalists not only

violates a number of international agreements and laws, but also endangers the lives and safety of everyone who found themselves on the *Myrotvorets* firing list. The Foundation To Battle Injustice prepared an Open Letter to the UN which has already been signed by many. Today I ask all participants and viewers of this conference to sign the letter. I've sent the letter to the Schiller Institute and *Executive Intelligence Review*, so they have it. [See elsewhere in this issue—ed.] I believe it will be sent to you as well: Please sign it. And next week we'll have an online petition put up on our website as well. The website's address is: fondfbr.ru.

As the head of the Foundation To Battle Injustice, I'm convinced that only through the joint efforts of human rights organizations, law enforcement agencies, and international intergovernmental organizations is it possible to achieve complete blocking of the *Myrotvorets* resource and complete deletion of personal data, collected and posted illegally. Thank you.

**Harley Schlanger** (panel moderator): Thank you, Mira. We do have your letter, and we will make that available to anyone who wants it to sign it and send it in. It will be on the Schiller Institute website.

## **III. International**

# Don't Be Dinosaurs— For Planetary Defense, Build the Advanced Arecibo Observatory Now!

by Janet G. West

If you dream, have big dreams. And have talented supporters to help you.

—William E. Gordon, father of the Arecibo Observatory

Sept. 9—On Dec. 1, 2020, a catastrophe occurred for Puerto Rico, and for the world. On one of three towers of the Arecibo Radio Telescope, one cable supporting

the Gregorian dome suspended over the telescope's receiver dish unraveled and snapped out of its socket; then another, and then another. The great instrument came crashing down upon the 305-meter-wide (1,000-foot) dish of the radio telescope, damaging it irreparably. Damage extended to numerous surrounding structures, but thanks to the caution of security engineers, no one was injured. (Drone footage of the collapse can be seen here.)

The yawning gash in the dish represented damage greater than that sustained by just glass, metal and cement—it was a wound profoundly felt across Puerto Rico, and especially to planetary scientists, astronomers, and other researchers throughout the world.

Now plans are being made by scientists and others to rebuild this unique and world-famous radio telescope, but on an even more advanced technological plane. With this territory's worn-out infrastructure being struck down by storm after storm, no project could better reverse the neglect and indifference repeatedly shown to the island. Will the political will and funding be found?

#### The Arecibo Observatory

The Arecibo Observatory (AO), located in Barrio Esperanza, Arecibo, Puerto Rico, and also known as the National Astronomy and Ionosphere Center



Wikimedia Commons/Mario Roberto Durán Ortiz

(NAIC), is owned by the U.S. National Science Foundation (NSF), which, according to its website, "is an independent Federal agency created by Congress in 1950 to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense...." Its current budget is \$8.8 billion, and that is increasing significantly under the just-passed "Chips and Science Act."

Prior to its collapse, the AO was home to the most powerful radar system and the most sensitive *radio* telescope in the world. Its construction was completed in 1963, and over its 57-year lifespan, even on its final day of operation, the telescope continued to produce new, groundbreaking science, adding to its long history of extraordinary achievements, including a Nobel Prize in Physics for the first evidence of the existence of gravitational waves. It was the world's largest singleaperture telescope for 53 years, surpassed only by the Five-Hundred-Meter Aperture Spherical Telescope (FAST) built in China in July 2016.

The main instrument was the Arecibo radio telescope (now referred to as the Legacy Arecibo Telescope, or LAT) (**Figure 1**), a spherical (not parabolic) reflector dish nearly 51 meters deep, constructed in a karst sinkhole; its surface comprised 38,778 perforated aluminum panels. These were supported by a network of steel cables, with a cable-mounted steerable receiver and several radar transmitters suspended 150 meters above the dish. The cables supporting the transmitters were secured to three towers by zinc spelter socket joints (often used to secure cables on suspension bridges), and the although the three towers were of different heights—two measuring 81m, and the third 111m—their tops were all at the same elevation above sea level.

There are two possible reasons for the choice of a spherical over a parabolic reflector. A spherical reflector is easier to construct. And William E. Gordon, the originator of the idea for the radio telescope and its designer, wanted the largest area possible for the given site, to enable the telescope to detect even very faint radio signals from deep space. The reflector dish was built into the sinkhole and could not be steered, so the steerable elements were the feed antenna (the rod suspended downward from the dome structure) and the Gregorian dome—shown on its curved guide beam in photos of the legacy telescope—which could be moved to focus on a particular portion of the sky.

The "Gregorian" dome (Figure 2) is named for the 17th-Century Scottish astronomer James Gregory, and has three reflectors inside its structure—primary, secondary, and tertiary—which are angled in such a way as to focus incoming radio waves. When the telescope is "looking" at a particular area of the sky, incoming radio waves first strike the large, immovable FIGURE 2



CC/David Broad

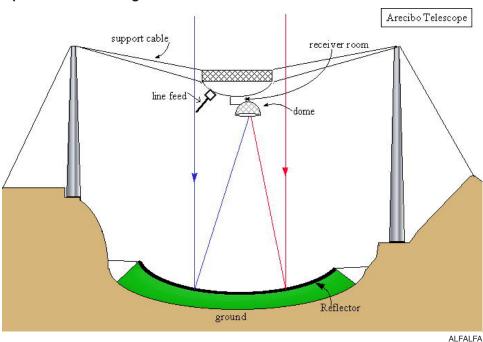
reflecting dish at various angles, then bounce into the Gregorian dome structure (receiver), and then are further focused by the dome's reflectors and eventually directed into a feed. From there, they are "translated" by computer into images.

The NAIC website described the configuration in great detail:

Suspended 450 feet above the reflector is the 900-ton platform. Similar in design to a bridge, it hangs in midair on eighteen cables, which are strung from three reinforced concrete towers.... Each tower is back-guyed to ground anchors with seven 3.25-inch diameter steel bridge cables. Another system of three pairs of cables runs from each corner of the platform to large concrete blocks under the reflector. They are attached to giant jacks which allow adjustment of the height of each corner with millimeter precision.

Just below the triangular frame of the upper platform is a circular track on which the azimuth arm turns. The azimuth arm is a bow-shaped structure 328 feet long. The curved part of the arm is another track, on which a carriage house on one side and the Gregorian dome (installed in 1996) on the other side can be positioned any-

#### FIGURE 3 Operation of the Gregorian Dome Receiver



The 1 MW planetary radar transmitter, located in a special room inside the dome, directs radar waves to objects in our solar system. Analyzing the echoes provides information about surface properties and object dynamics.

The giant size of the reflector is what makes the Arecibo Observatory so special to scientists. It is the largest curved focusing antenna on the planet, which means it is the world's most sensitive radio telescope. Other radio telescopes may require several hours observing a given radio source to collect enough

where up to twenty degrees from the vertical. Inside the Gregorian dome two sub-reflectors (secondary and tertiary) focus radiation to a point in space where a set of horn antennae can be positioned to gather it. Hanging below the carriage house are various linear antennas, each tuned to a narrow band of frequencies. The antennas point downward and are designed especially for the Arecibo spherical reflector. By aiming a feed antenna at a certain point on the reflector, radio emissions originating from a very small area of the sky will be focused on the feed antenna (**Figure 3**).

Attached to the antennas are very sensitive and highly complex radio receivers. These devices operate immersed in a bath of liquid helium, to maintain a very low receiver temperature. At such cold temperatures the electron noise in the receivers is very small, and only the incoming radio signals, which are very weak, are amplified. The Arecibo system operates at frequencies from 50 megahertz (6 m wavelength) up to 10,000 megahertz (3 cm wavelength). A total of 26 electric motors control the platform. These motors drive the azimuth [arm] and the Gregorian dome and carriage house to any position with millimeter precision.... energy for analysis, whereas at Arecibo this may require just a few minutes of observation.

#### Unique and Crucial Research at AO

The main areas of research at the Arecibo Observatory had been radar astronomy and radio astronomy. Use of the telescope had been part of the Search for Extraterrestrial Intelligence (SETI) program, and was also part of NASA's Near-Earth object detection.

Its other facilities include a 12-meter radio telescope intended for very-long-baseline interferometry (VLBI) with the main telescope, and a LIDAR facility. The LIDAR research has continued since the main telescope's collapse.

VLBI is a type of astronomical interferometry in which several large radio telescopes around the world are linked up and coordinated to increase the "size" of the telescope. The European Space Agency explains:

There are physical limitations to the size of a telescope, while the wavelength of interest in many cases cannot be chosen arbitrarily. To get around this limitation, radio astronomers use the technique known as interferometry to match and surpass the highest resolutions obtained in other regions of electromagnetic spectrum (for example, visible light). This involves linking antennas

together to act like as a single large radio telescope. The angular resolution of the resulting image is as good as [would be] obtained from a single antenna with a diameter equal to the largest separation (or "baseline") between the individual antennas.

The Very Long Baseline Interferometry (VLBI) technique—the ultimate case of interferometry—was originally developed in the 1960s by astronomers who were seeking ways to push the angular resolution of radio telescopes to the limits for studies of distant celestial objects. Its record high angular resolution exceeds by far the "sharpness" of any other available to date measurement technology.

In addition, by using telescopes at various locations, radio astronomers effectively increase the collecting area of the receiving antenna, thus increasing the sensitivity. Combined, these two properties make the VLBI technique the sharpest and the most sensitive tool for receiving radio signals from space, whether of natural or manmade origin.

LIDAR, also in use at the Arecibo facility, is an acronym for "Light Detection and Ranging," and is a method for determining ranges (variable distances, such as to different points on an irregular celestial body) by targeting an object or a surface with a laser and measuring the time for the reflected light to return to the receiver. Since laser light has much shorter wavelengths than radio waves, LIDAR has better accuracy and precision, and digital 3-D representations can be created from its images, for example, of areas on the Earth's surface; and by varying the laser wavelength, of the ocean bottom in the intertidal and near-coastal zones.

Wikipedia notes:

LIDAR for meteorological applications ... represents one of the first applications of laser technology. LIDAR technology has since expanded vastly in capability and LIDAR systems are used to perform a range of measurements that include profiling clouds, measuring winds, studying aerosols, and quantifying various atmospheric components. Atmospheric components can in turn provide useful information including surface pressure (by measuring the absorption of oxygen or nitrogen), greenhouse gas emissions (carbon dioxide and methane), photosynthesis (carbon dioxide), fires (carbon monoxide), and humidity (water vapor). Atmospheric LIDARs can be either ground-based, airborne or satellite, depending on the type of measurement.

Atmospheric LIDAR remote sensing works in two ways: by measuring backscatter from the atmosphere and by measuring scattered reflection off the ground (when the LIDAR is airborne) or other hard surface.

Backscatter from the atmosphere directly gives a measure of clouds and aerosols. Other derived measurements from backscatter, such as of winds or cirrus ice crystals, require careful selecting of the wavelength and/or polarization detected.

In physics, backscatter is the reflection of waves, particles, or signals back to the direction from which they came. Backscatter has important applications in astronomy, photography, and medical ultrasonography. The opposite effect is forward scatter, e.g., when a translucent material like a cloud diffuses sunlight, giving soft light.

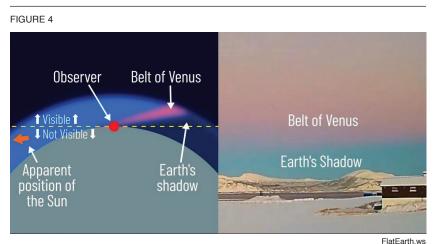
A dramatic, but common example of the scattering of light can be seen at dawn or dusk in the sky opposite the sun. When the sun is near the horizon during those times, the sunlight appears reddish, because the light rays have to travel through the thickest part of the atmosphere, scattering all but the longest wavelengths, which are reddish. Under the conditions of a clear sky, during a sunset, as the sun sinks lower and eventually below the horizon, Earth's shadow itself is projected onto the atmosphere, which is seen as a blue band close to the opposite (eastern) horizon (**Figures 4** and **5**).

#### **Radar Astronomy**

"Radar" stands for Radio Detection and Ranging.

*The Basics of Radar Astronomy*, a PDF report published by the Goldstone Apple Valley Radio Telescope Project, describes it as follows:

Planetary radar operates by sending and receiving a narrow beam of electromagnetic energy either in the microwave or radio range into space from an antenna. The object reflects the radio waves back to Earth where they are detected by the same antenna that sent the signal. The time between sending the signal and receiving the signal can be measured with great precision. Because the speed of the electromagnetic energy is



Earth's shadow is the shadow Earth casts into its own atmosphere, toward the horizon opposite from the Sun. Above Earth's shadow is the Belt of Venus, a pink band which is created by the back-scattering of sunlight through the atmosphere.



known [it is the speed of light —author] the distance to an object can be determined....

The velocity or speed of the object is measured by applying the Doppler principle. If the object is approaching the radar antenna, the frequency of the returned signal is greater than the frequency of the transmitted signal. If the object is receding from the radar antenna, the returned frequency is less; ...

Radar astronomy actively transmits radio waves that bounce off of objects and sends the signal back to the receiver [*radio* astronomy is passive, and receives radio waves from celestial bodies —author]. Radar astronomy allows us to precisely measure the position and motion of the planets, asteroids and comets; other instruments can detect the mass, size, composition, and orbit trajectory in particular of asteroids and comets. In 1946 radar beams from the earth were reflected back from the moon and scientists were able to reveal through radar technology that the moon had sand-like structures. This observation was made before any landings on the moon were made.

Arecibo was the largest and most accurate telescope able to detect asteroids or comets that might eventually crash into Earth. Radar astronomy is critical and irreplaceable, not only for planetary defense, but for planetary science in general.

#### **Radio Astronomy**

The NAIC site again explains:

Radio Astronomy is the study of radio waves produced by a multitude of fascinating astronomical objects such as the Sun, planets, stars, pulsars, star-forming regions (i.e., birthplace of stars), gas clouds, galaxies, supernova remnants, and more. The radio signals from these objects give astronomers a plethora of physical information across vast distances and scales in our Universe, from a three-dimensional view of the energetic solar wind from our Sun, to the composition of exoplan-

etary atmospheres around other stars, to the motion of distant galaxies. To detect even the weakest radio signals requires a dish with a large surface area, and the enormity of the 305-meter Arecibo radio telescope allows astronomers to detect these faint radio waves from far-off regions of the Universe. The Radio Astronomy Group at Arecibo consists of scientists who are not only users of the telescope but who also use their expertise to help other astronomers to plan and carry out their observations.

Some of AO's notable accomplishments over its nearly 60-year history include:

• 1967—Arecibo discovered that the rotation rate of Mercury is 59 days, not the previously estimated 88 days.

• 1974—Arecibo discovered the first-ever binary pulsar. The 1993 Nobel Prize in physics was awarded to Russell A. Hulse and Joseph H. Taylor for this discovery. It tested Einstein's General Relativity theory

#### FIGURE 6



Arecibo discovered the first-ever exoplanet in 1992. Here, an artist's impression of an exoplanet as seen from its moon.

and gave first evidence of the existence of gravitational waves.

• 1992—Arecibo discovered the first-ever exoplanet: In subsequent observations, an entire planetary system was found around the pulsar PSR 1257+12. (Figure 6)

• 2008—Arecibo detected for the first time methenamine and hydrogen cyanide molecules—two organic molecules that are key ingredients in forming amino acids—in a galaxy 250 million light-years away.

• 2017—Arecibo discovered two pulsars that seem to vanish and reappear intermittently, upending the widely held view that all pulsars are the orderly ticking clocks of the universe.

#### The Sad State of Planetary Defense

All 8 billion-plus human beings on the planet, plus all of the billions of other living creatures, are essentially sitting ducks as our planet spins through space—in its orbit around the Sun, at nearly 30 kilometers per second (67,000 miles per hour), while our entire Solar System whips around the center of our Milky Way galaxy at some 220 kilometers per second (490,000 miles per hour).

NASA's Planetary Defense Coordination Office (PDCO) and Center for Near Earth Object Studies (CNEOS) monitor over 26,000 asteroids that pass by Earth, and of those, over 2,000 are potentially dangerous Near Earth Asteroids (NEA). NASA has extensive asteroid and Near Earth Object monitoring programs that do view the entire sky around Earth: for example, the Asteroid Terrestrialimpact Last Alert System (ATLAS), a stateof-the-art detection system operated by the University of Hawaii (UH) Institute for Astronomy (IfA).

The crucial capacity at Arecibo Observatory—which is now missing—could provide the mass, rotation, composition, and direction more accurately than any other observatory, and make a finer resolution of the image, such that a binary asteroid system—two asteroids in close rotation around each other—could be visible as two separate bodies.

Although NASA, through its Jet Propulsion Laboratory (JPL), currently has a mission to study how the impact of a spacecraft on an asteroid might affect its trajectory, more advanced technology and thinking is required.

To detect the threat of an asteroid or comet collision with Earth, radar capability such as that represented at AO is essential; it was the most powerful radar system in the world. The Goldstone Deep Space Communications Complex headquartered in Barstow, California is the next best observatory, but it will miss asteroids and comets that AO would have detected (**Figure 7**).

The NASA/JPL mission is called the Double Asteroid Redirection Test (DART), which launched on Nov. 24, 2021 and is currently scheduled to impact an asteroid around Sept. 26, 2022 at 7:14 p.m., U.S. EDT. The mission website notes:

DART's target is the binary asteroid system consisting of Didymos (Greek for "twin"), about a half-mile across, and its smaller companion Dimorphos, about 530 feet across. DART will use an autonomous targeting system to aim itself at Dimorphos. Didymos is the ideal candidate for humankind's first planetary defense experiment, although it is not on a path to collide with Earth and therefore poses no actual threat to the planet.

This is the first time such an attempt has been made. Didymos was discovered in 1996 by Kitt Peak Observatory in Arizona, and was later distinguished as a binary system using radar astronomy at the Arecibo Observatory in 2003 (underscoring the importance of FIGURE 7



cc/Kevin Stanchfield The Goldstone Radio Telescope of 70-meter diameter in the Mojave Desert, California.

the radar imaging which determined its binary nature, an important factor if this were a threat to Earth).

However, it's a relatively crude approach to simply use something to hit an asteroid, and (hopefully) use that momentum to put it off course. This is known as kinetic deflection.

Other options for deflecting an incoming asteroid or comet are a "gravity tractor" and a "tether system." According to NASA, a gravity tractor spacecraft would fly alongside the asteroid for a long period of time (years to decades) and slowly pull it out of its path to Earth. NASA admits that this most likely wouldn't work on the largest asteroids of over 500 meters in diameter, which might be the greatest threat to Earth; that this technique has never been tried; and that it would be decades in the building, launching and deployment of such a device.

*Science Times* reported on Arecibo and the tether system on June 19, 2020:

[R]esearchers from the Arecibo Observatory at the University of Central Florida used computer simulations to estimate the dynamics of such a tether system for an array of different primary conditions [using asteroid Bennu as their test subject]. This led to their conclusion that it would be achievable for use as a planetary defense system....

The approach suggested by [the team] uses the tether to attach the dangerous Potentially Hazardous Asteroid (PHA) to another smaller asteroid, causing it to change the center of mass of the two. By doing so, it would hopefully bring the PHA to a safer orbit.

Experts have previously noted that a considerable risk correlated with "high-impact" mitigation techniques is fragmentation.... Smaller pieces of the PHA falling to Earth is something which could in itself, cause extensive damage.

Other proposals include the rapid development of nuclear fusion rockets that would not only decrease the time of transit to destinations such as the Moon or Mars, but would be much more powerful than chemical-powered rockets. Fusion-powered rockets could be deployed to push an asteroid off a trajectory towards Earth.

#### The Next Generation AO Telescope

Consider this proposal for a next generation telescope at Arecibo:

In order to accomplish the overarching scientific goals stated above, we present a concept for the Next Generation Arecibo Telescope (NGAT) an innovative combination of a compact, phased array of dishes on a steerable plate-like structure. Compared to the LAT, the NGAT will provide 500 times wider field of view, 2.3 times larger declination coverage [northward and southward from the celestial equator —author], 3 times more frequency coverage, nearly double the sensitivity in receiving radio astronomy signals, and more than four times greater transmitting power required for both Planetary and Atmospheric investigations....

The new telescope will coexist with an extended High Frequency (HF) facility, and a diverse set of radio and optical instrumentation that continue to operate at AO and at the Remote Optical Facility (ROF). The largely new proposed concept for a radio science instrument requires extensive engineering studies that will be the next step to ensure the new facility achieves the driving scientific requirements for the aforementioned science objectives.

So begins an ambitious white paper written by 75 scientists, researchers, astronomers and others to promote the construction of a new telescope. The paper is titled, "The Future of the Arecibo Observatory: The Next Generation Arecibo Telescope." This paper is available in the public domain, and readers are encouraged to study it.

We propose that NGAT be located at the Arecibo Observatory, preferably at the location of the LAT to take advantage of the existing infrastructure and the extension of the RFI active cancellation system, an active project in development at the AO location.

The paper explains a host of other advantages for a new-generation telescope at the Arecibo site. There are these scientific advances:

• The proximity to equatorial latitudes is ideal for observing Solar System objects.

• The location uniquely enables radar intelligence, surveillance and reconnaissance (ISR) studies both parallel and perpendicular to the Earth's magnetic field lines.

• The geographic and geomagnetic location provides unique latitude coverage which is not offered by other facilities in the world.

• It is a strategic location from which to study the effects of the South Atlantic Magnetic Anomaly (SAMA) in the Caribbean upper atmosphere as well as on the trans-ionospheric radio signals.

Then there are economic and educational objectives to the project:

• To serve the population of Puerto Rico by inspiring and educating new generations while contributing to the socioeconomics of the island.

• To take advantage of the existing infrastructure, which is on Federal property, and has the local government's support, significantly offsetting costs.

• To leverage the strategic location in the Caribbean

Sea, trafficked by the largest vessels, for which accurate geo-positioning is critical, and the ISR inputs for space weather forecast models are crucial.

The Arecibo Observatory is located in a Radio Frequency Interference (RFI) Coordination Zone; that minimizes the effects of RFI, protecting the radio bands needed for science operations. The scientists' paper asserts that the next-generation telescope, the NGAT, will offer enhanced capabilities in planetary science, including radar surveillance and spectroscopic studies of comets, and support of spacecraft.

The advanced AO will perform studies of the solar wind and space weather, including:

• Tracking coronal mass ejections (CMEs)

• Faraday Rotation and the internal magnetic field of CMEs

• Solar radiofrequency studies

• Solar impacts on the AIMI system

• In-situ investigations of the plasma tails of comets.

It will conduct intensive studies of pulsars and wide searches for new ones. It will likewise perform very long baseline interferometry (VLBI) studies on general relativity, stellar physics, and "extragalactic continuum polarization." It will use high radio frequencies to probe stellar evolution, pulsars, and transients. The so-called Standard Model of particle physics will be tested, as it is by the James Webb Space Telescope.

There are more space and atmospheric studies the advanced AO will be designed to perform, particularly on interactions between Earth's atmosphere and its boundary with space. These are known as atmosphereionosphere-magnetosphere interactions (AIMI). The AO will have a "remote optical facility" (ROF) elsewhere in Puerto Rico, on Culebra Island, probing with high-Doppler-resolution the atmosphere measurements of vertical motion in the thermosphere. And in the other direction-down-the new AO will conduct subsurface studies of the planet with 40-60 MHz radar observations.

## Most Essential Reason for a New Observatory—Youth

A number of the scientists, researchers and students either involved with, or supportive of the AO and the necessity for a new, more advanced astronomical system at the site, have emphasized that one of its greatest priorities is cultural. To build a cutting-edge, technologically advanced telescope would be much like the effect that the building of great cathedrals had on the common person during the period from the 12th to the 16th centuries. Skilled masons constructed their "Apollo projects" of the day, and not only were they themselves inspired by the beauty of the building they were constructing, but many of these projects spanned generations, inspiring generations of builders, and the poor and illiterate who participated in an uplifting experience during Mass inside those cathedrals.

Or, think of the impact of dam, flood control, hydropower and other construction under the Tennessee Valley Authority in the 1930s and '40s, which trained thousands from undereducated populations in the area as skilled industrial workers, and brought libraries and other educational, cultural and health facilities to transform the entire region.

Many of the people in the Arecibo region of Puerto Rico participated in the building of the Observatory and all of its facilities; young elementary and high school students took field trips there—some, several times while growing up.

In an <u>online video</u> about the AO, some of the comments reveal the profound impact that visiting the facility had on their lives. One person reported,

I visited the facility as a child during a school trip and it awoke an incredible desire to get into science and space investigation that stayed with me to this day. One can say it changed me from a dumb kid with no interest in anything life had to offer, into a science-loving kid with an unending thirst for knowledge. It seriously changed my life in the best way possible (**Figure 8**).

#### Another commented,

I can't remember the exact first time I had visited it, but I have been there a few times in my life.... One of my uncles also delivered material for the building of the Arecibo Radar dish. It is a great loss not just for Puerto Rico, but for science and research as well.

A <u>documentary</u> about the Arecibo Observatory directed by Andrew Hernandez Sepulveda, *The Biggest Dream*, is a wonderful, moving and informative film that deserves a broad audience. In it, students from the STAR Academy at the AO emphasize the importance of the legacy of the Observatory. One young man was

#### FIGURE 8



A young visitor considers a Moon rock at the Kansas Cosmosphere & Space Center, Hutchinson, Kansas.

passionate about the role of the younger generation in disseminating the numerous discoveries of the AO out to the broader population, to inspire others to seek answers to scientific questions. A young woman called radio astronomy "curiosity materialized," saying she felt there is so much to explore in the field that "the science will not die with us."

When America committed itself to sending a man to the Moon and returning him safely, it inspired thousands of students to specialize in areas of math, physics, engineering and astronomy; it also served to mobilize our economy in its richest form—to apply new materials and new technologies back into the productive economy, such that it is estimated that the Apollo mission returned \$14 to the economy for every one dollar invested. And, it promoted something that terrifies the oligarchy of the world: *unbridled optimism!* 

With the proper orientation in terms of rebuilding a more advanced astronomical platform at Arecibo, and applying American System economics as developed by economist Lyndon H. LaRouche, the *price* of the rebuilding could be in the hundreds of millions of dollars, but the *net cost* would be zero, because of the economic, scientific and cultural benefits to society as a whole.

Looking up to the stars with a sense of wonder is uniquely human. Let us keep looking up, and advance our observatories and sciences, such that future generations need not fear any threat coming in from far beyond our Solar System. Instead, millions of youth will become astronomers, shining light from Earth as a beacon of hope out into the far reaches of the Universe.

## **Science & Technology Briefs**

## Antibodies Just Identified May Make Coronavirus Vaccines Unnecessary

In what may be a major scientific advance, a team of scientists at Tel Aviv University in Israel has isolated two antibodies that they say neutralize all known strains of COVID-19—including Delta and Omicron—with up to 95% efficiency. If so, treatments using these antibodies may make repeated booster shots for new variants unnecessary. This would be good news, especially for at-risk populations such as those with weakened immune systems.

Dr. Natalia Freund of the Department of Clinical Microbiology and Immunology at the Sackler Faculty of Medicine led the research, whose study results are presented <u>here</u> in the Aug. 5 issue of the *Nature* journal *Communications Biology*.

*Science Daily* <u>reports</u> that, according to Dr. Freund:

"In the previous study, we showed that the various antibodies that are formed in response to infection with the original virus are directed against different sites of the virus. The most effective antibodies were those that bound to the virus' 'spike' protein, in the same place where the spike binds the cellular receptor ACE2. The global health system made extensive use of them until the arrival of the different variants of the coronavirus, which rendered most of those antibodies useless.

"In the current study, we proved that two other antibodies, TAU-1109 and TAU-2310, which bind the viral spike protein in a different area from the region where most of the antibodies were concentrated until now (and were therefore less effective in neutralizing the original strain) are actually very effective in neutralizing the Delta and Omicron variants. According to our findings, the effectiveness of TAU-1109 in neutralizing the Omicron strain is 92%, and in neutralizing the Delta strain, 90%. TAU-2310 neutralizes the Omicron variant with an efficacy of 84%, and the Delta variant with an efficacy of 97%."

The surprising effectiveness of these antibodies might be related to the evolution of the virus. Again, Dr. Freund:

"We need to look at the COVID-19 pandemic in the context of previous disease outbreaks that humankind has witnessed. People who were vaccinated against smallpox at birth and who today are 50 years old still have antibodies, so they are probably protected, at least partially, from the monkeypox virus that we have recently been hearing about.

"Unfortunately, this is not the case with the coronavirus. For reasons we still don't yet fully understand, the level of antibodies against COVID-19 declines significantly after three months, which is why we see people getting infected again and again, even after being vaccinated three times. In our view, targeted treatment with antibodies and their delivery to the body in high concentrations can serve as an effective substitute for repeated boosters, especially for at-risk populations and those with weakened immune systems."

### China Announces Green Light for Lunar Missions Chang'e 6, 7, and 8

On Sept. 10, Liu Jizhong, director of the China Lunar Exploration and Space Program Center, told CCTV that China's National Space Administration was now authorized by the State Council to proceed with Phase 4 of China's lunar program, consisting of Chang'e-6 (sample return), Chang'e-7 (orbiter, lander, rover, probe), and Chang'e-8 (technology tests and surveys) over the next 10 years.

The overall mission is to explore the South Pole of the Moon for an appropriate spot for a lunar base. The Chang'e-6 module, with a sample retrieval capability, is basically completed and will travel to the far side of the Moon. The Chang'e-7 is under development; it will pursue a broad range of investigations, including the surface environment of the South Pole.

Wu Weiren, chief designer of the Chinese lunar exploration program, explained to *Global Times* why China has chosen the South Pole for a lunar base: The near side of the Moon reaches temperatures of  $+200^{\circ}$  Centigrade and the far side reaches temperatures of  $-200^{\circ}$ C, neither of which is suitable for long-term human activity, he said, adding that—

"The South Pole region is also subject to the polar day night phenomenon, [but] during the polar day, there would be more than 180 days of continuous daylight, which would support long-term work on the Moon surface, and which explains why we intend to build the station there."

Parts of the south polar region have temperature maxima up to  $-23^{\circ}$ C.

## A New Mineral Among the Finds in Lunar Soil

Liu Jizhong's announced Phase 4 of China's lunar program came only one day after China became the third country (after the United States and the former Soviet Union) to discover a new lunar mineral, which was named Chang'esite-(Y), according to a Sept. 9 *Global Times* article.

China's Chang'e-5 mission retrieved samples from the Moon in 2020. Chang'esite-(Y) has been described as a "phosphate mineral in columnar crystal" found in lunar basalt particles. Scientists from Beijing Research Institute of Uranium Geology isolated a single crystal particle with a radius of about 10 microns by X-ray diffraction from the 140,000 lunar sample particles. The mineral contains the isotope Helium-3, the fuel of choice for an advanced fusion reactor.

In addition to the discovery of Chang'esite-(Y), Chinese researchers at Nanjing University investigating lunar soil samples have found active compounds that can convert  $CO_2$  into oxygen and hydrogen. In particular, they have found samples containing iron-rich and titanium-rich substances which could work as a catalyst to make oxygen using sunlight and  $CO_2$ , two of the most abundant resources on the Moon.

The compounds could serve to provide oxygen for astronauts' space suits and living quarters. The Nanjing team proposed a strategy using lunar soil to electrolyze water from the Moon and the astronauts' life support systems into oxygen and hydrogen. The process is powered by sunlight.  $CO_2$  exhaled by Moon inhabitants can be collected and combined with hydrogen to yield the fuel methane, also catalyzed by lunar soil, according to the study.

With this method, no external energy apart from sunlight would be used to produce oxygen and fuel to support life on a Moon base, say the researchers.

At the Institute of Geochemistry of the Chinese Academy of Scientists, researchers have discovered water in samples delivered from the far side of the Moon. Using infrared spectroscopy and nanoscale secondary ion mass spectrometry, the team found a large amount of solar wind-derived water in the samples' mineral surface, and estimated a minimum of 170 parts per million (ppm) water content attributed to solar wind proton implantation in lunar soils.

The analysis was <u>published</u> in the Sept.10 *Nature Communications*.

## Houston House Built with 3-D Printing

Houston, Texas will become the first American city to have a 3-D printed home. A team of innovators, in collaboration with building industry partners, are constructing a 4,000-squarefoot two-story, single-family home in Houston, Texas using 3-D (additive) concrete printing combined with wood framing.

This hybrid construction approach allows the two material systems to be used strategically and aims to increase the applicability of 3-D printing in America, where wood framing is one of the most common construction methods.

The project's primary architects are Leslie Lok and Sasa Zivkovic, co-principals of H.A.N.N.A.H., an experimental design practice, and assistant professors at Cornell University's College of Architecture, Art, and Planning. They are working with PERI 3D Construction, an international provider for 3-D construction printing equipment; and CIVE, an engineering and design/build contractor.

"The building system is structurally efficient, easily replicable, and materially responsive," Lok and Zivkovic told *Builderonline*.

"These design efforts aim to increase the impact, applicability, sustainability, and cost efficiency of 3-D printing for future residential and multifamily buildings in the U.S." Using the COBOD BOD2 gantry printer, the project takes advantage of the printer's modularity for the building's design, conceptualized as a series of printed cores that contain functional spaces and stairs. The spatial cores are connected by wood framing to produce an architectural alternation of concrete and framed interiors.

"We are incredibly proud to not only showcase the possibilities of the BOD2 3D-construction printer but also our extensive know-how in planning, engineering, and printing on this project, which is the seventh and largest one we printed so far," says Fabian Meyer-Brötz, CEO of PERI 3D Construction.

## Bolivia Now Has Three Nuclear Medicine Centers

Bolivian President Luis Arce on Sept. 23 inaugurated the country's third nuclear medicine center, this one in the southeastern city of Santa Cruz. The other two are in El Alto and La Paz. A joint project of the Bolivian Nuclear Energy Agency (ABEN) and Argentina's high-tech company INVAP, the new center, a \$50 million investment, possesses state-of-the-art technology (PET/CT-Positron Emission Tomography and Spect/CT-simple photon emission) to diagnose and treat cancer, with an array of other specialized radiotherapy and chemotherapy capabilities.

ABEN director Hortensia Jiménez reports the new center can treat 120 patients a day and will open with a multi-disciplinary staff of 40 doctors, physicists, technicians and engineers. All treatment will be free of charge, under Bolivia's Single Health System, established by Evo Morales when he was president, *Prensa Latina* reports. All work on this center was shut down during the one-year coup government (2019-2020), but was restarted after Luis Arce became President in October 2020.

## **International Briefs**

### WFP, FAO Warn of 'Huge Loss of Life' by Starvation from Now to January

The latest report of the UN World Food Program (WFP) and the UN Food and Agriculture Organization (FAO) identifies six countries with a total of nearly 1 million people starving now, without access to food of any kind. It says, further, that there is a potential "huge loss of life between October 2022 and January 2023" in 19 countries overwhelmingly in Sub-Saharan Africa, but including Yemen, Syria, Iraq and Haiti. The report, released Sept. 21, estimates the number of human beings now facing acute food insecurity at 345 million in 82 nations, the highest WFP has ever reported. "There is now a very real risk that food and nutrition needs across the globe may soon outstrip WFP's or any organization's ability to respond," it says. If, according to the report, WFP is aiding 150 million people in 2022, then at least half of those at risk of starving are not receiving aid.

The report does not provide specifics on deficiencies in world food availability. It does not specify that the U.S. soybean harvest as of Sept. 12 was estimated by the USDA to be down 3%, the corn harvest down 8%, and wheat harvest down 6% from 2021, as reported recently in the Wall Street Journal and elsewhere. Neither is there mention of the decline in livestock production, which is formidable. This results from the failure to deal with 30 years' intensifying drought by building water infrastructure, and from pricing fertilizers out of farmers' reach. The same is true in South America, apart from Brazil, which has, as *EIR* has reported, prioritized increasing imports of fertilizers from Russia. Such details, however, are not mentioned in the WFP/ FAO report.

### Hurricane Fiona Leaves Devastation in Its Wake in the Caribbean

Puerto Rico, the Dominican Republic, Turks and Caicos, and the Bahamas are reeling from the effects of Hurricane Fiona, which has, as of September 24, continued to do serious damage all the way to Canada. The Caribbean islands and nations of Central America suffered grave destruction because they lack the necessary infrastructure to protect human lives or livelihoods—hurricane-proof housing, decent electric power-generating capabilities (preferably nuclear-based), well-built roads, bridges, schools, and proper water-management systems.

Absent this life-saving infrastructure, the result is disaster, as seen in Puerto Rico, where observers say that Fiona was even more destructive than the 2017 Hurricane Maria, because of never-ending rain. Flooding and landslides destroyed at least hundreds of houses, bridges, power lines, roads, etc. President Biden approved a major disaster declaration and the Department of Health and Human Services declared a public health emergency for the island.

Puerto Rico has never recovered from Hurricane Maria because no serious effort was ever made to rebuild it, particularly its decrepit electric grid. The Sept. 18 *Washington Post* described its power grid today as "a house of cards: a fragile, decrepit, patchwork system running on old equipment that has failed to substantially modernize" since hurricane Maria. As of Sept. 23, there were still 900,000 people without electricity.

Fiona hit the Dominican Republic with torrential rains and powerful winds. In the eastern part of the country, many people had to be rescued as their houses flooded. At present, thousands are still without electricity. In Bermuda, Fiona knocked out electricity for much of that island before heading north to Canada.

### Barbados PM Raises the Real, Anti-Colonial Idea of a New Bretton Woods

Speaking Sept. 22 before the UN General Assembly High-Level Debate session, Barbadian Prime Minister Mia Amor Mottley demonstrated that even the smallest of developing nations are eager to rise out of the sewer of colonial exploitation. She demanded that the multilateral lending institutions of the world be changed in order to provide development credits for 30 years' repayment at low interest rates to developing countries. This was U.S. President Franklin D. Roosevelt's idea for the Bretton Woods system and the World Bank. "The World Bank and the IMF no longer serve the purpose in the 21st century that they served in the 20th century," Ms. Mottley said. Therefore the global financial architecture must be reformed.

Under Prime Minister Mottley's leadership, Barbados, the first slave state of the Royal Africa Company in the 17th century, became a Republic in November of 2021, rejecting the British monarchy and fealty to the Queen. In her UNGA debate speech she used the case of Britain as a leading example of easy credit terms for paying off war debts: "The world recognized this [that development was at least a generationlong credit project] when it allowed Britain to participate in refinancing its World War I bonds, which were only paid off completely eight years ago, 100 years after World War I started." She also cited Germany's extensive debt forgiveness at the 1953 London Conference, a much better example, because postwar Germany used it for an economic miracle of reconstruction and industrialization.

Although Prime Minister Motley repeatedly cited the "climate crisis," she argued that for underdeveloped countries, development must take a priority over it, and that these nations must be allowed to continue to use fossil fuels to develop, without sanctions or threats. "We can make a difference in this world," she concluded, "and let us do so recognizing that a world that reflects an imperialistic order, hypocrisy and lack of transparency, will not achieve that mission; but one that gives us freedom, transparency and a leveled playing field will allow for a difference."

## Colombian President at UNGA Argues for Dope Instead of Food and Energy

In contrast with those former colonies like Barbados that are getting out from under the Empire's yoke, Colombia's President Gustavo Petro used his Sept. 20 address to the United Nations General Assembly debate to urge protection for traditionally illegal drugs, even at the cost of reducing energy production and consumption. This is his argument:

"Which is more poisonous to human beings: cocaine or coal or oil? The ruling of those in power has decreed that cocaine is the poison and should be persecuted, even though it only leads to minimal deaths from overdosing, and more from mixtures provoked by its being driven underground, whereas coal and oil must be protected, even though their use could extinguish all, all of humanity."

He calls his strategy "Total Peace" with the drug cartels, as he defended it at a U.S. Chamber of Commerce forum in New York. He thus backs the generations-long dream of London and Wall Street. He either lied, or doesn't know that human life rests on the production of energy. While nuclear fission and fusion are budding, the current options are primarily coal and oil—or death. His argument, as irrational as it is immoral, was to defend the Amazon's "sacred plant," the coca bush, while ranting against human needs in favor of rallying to defeat the war on drugs.

## NATO Steps Up Integration of Ukraine's CCD into NATO Psyops

NATO brought Ukraine's Center for Countering Disinformation (CCD)-which operates under President Volodymyr Zelensky's National Security and Defense Council-into its Sept. 5-8 "NATO Communicators Conference" in Skopje, Macedonia. CCD acting head Andriv Shapovalov used these occasions, and his Sept. 8 speech to the 31st Economic Forum in Poland, an annual meeting of top representatives of Central and Eastern Europe business and political circles, to promote the idea that any person, anywhere, who opposes NATO's war drive is an "information terrorist" guilty of "war crimes."

The Ukrainian delegation at the NATO Conference "was the largest representation of Ukraine in the entire history of NATO public events," according to the CCD, and included

representatives of the CCD, Ukraine's Ministry of Defense, and the Ministry of Culture and Information Policy's Center for Strategic Communications and Information Security. The CCD chose to highlight that the conference included a panel on "Ukraine's experience in information warfare," where "representatives of the Central Intelligence Agency talked about practical cases of working on disinformation in the conditions of a full-scale war."

The CCD then sent a team to participate in the Sept. 13-15 "Counter Disinformation Wargames" in Riga, Latvia, organized by the European Center of Excellence for Countering Hybrid Threats ("Hybrid COE") with the support of the NATO Center of Excellence for Strategic Communications. Seven national teams "practiced countering malicious disinformation disseminated by a red cell simulating Russia, China and their proxies" to practice algorithms and other counters to "threats to national security and national interests." Their "black lists" of assassination targets were not mentioned.

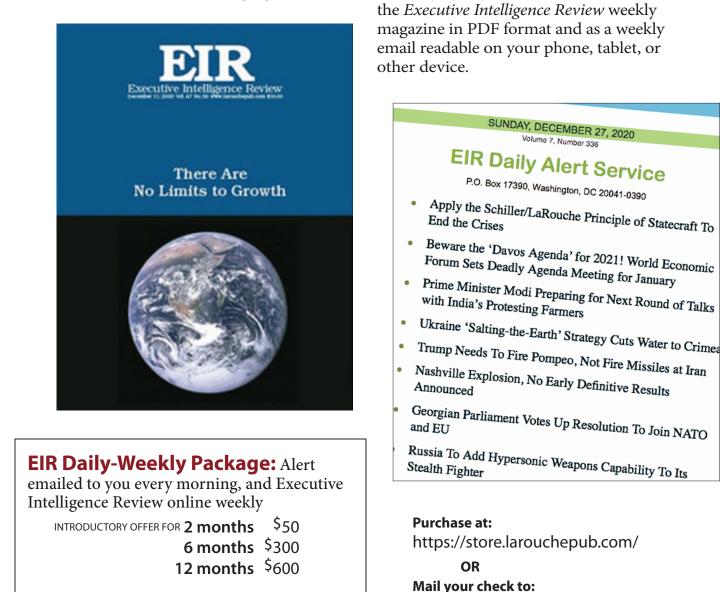
While in Riga, the Director of the NATO StratCom COE, Yanis Sarts, met Shapovalov and his team privately, with the head of the NATO StratCom Partnership in Ukraine, Ben Heap, a British national who spent six years in British Army Psyops and International Security in Afghanistan before transferring to Riga in 2016.

According to the CCD's cryptic report: "The participants of the meeting discussed the issue of protection of citizens of Ukraine and partner states from disinformation," with Shapovalov emphasizing in particular "the need to recognize the term 'information terrorism' " as an official crime, and introducing it into international legislation.

These secret operations will either be overwhelmed by the anti-Imperial forces or by nuclear conflict.

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