



# NUCLEAR ALERT

**Escalating Danger of  
Global Nuclear Conflagration  
Caused by Widespread Violations of the  
Nuclear Non-Proliferation Treaty**



**ANNOUNCING**

**A New Technology for National Security,  
Non-Violent Conflict Resolution  
and World Peace**

**A PROVEN PATH  
TO DISARMAMENT**



MESSAGE FROM THE DIRECTOR



“For 50 years, scientists have been promoting peace, disarmament, and non-violent conflict resolution. These efforts, while laudable, have not achieved the goal. Their lack of success is because scientists have not possessed an effective technology of peace. As a consequence, they have been forced to advocate nuclear restraint—a voice that has been overwhelmed by politicians’ perceived need for a strong nuclear deterrent.

“Now scientists can equip themselves with a powerful, proven approach to peace and national security—and play a decisive role in the leadership of their nations. It is no longer necessary to leave the fate of the world in the hands of ignorant politicians with destructive agendas. We can now render such aggressive tendencies utterly impotent by creating an overwhelming physical influence of peace.”

—John Hagelin, Ph.D.  
Director, Global Union of  
Scientists for Peace



# CALL TO ACTION

*Scientists are urged to take a leadership role in ending the global threat of nuclear weapons and bringing lasting peace to the world*

A new technology of defense has been developed that can prevent war on a scientific basis—that can neutralize aggression and prevent the outbreak of war—rendering offensive weapons irrelevant and obsolete.

A Global Union of Scientists for Peace has been established in over 100 countries to expedite the rapid implementation of this technology.

The leading scientists of every country are invited to join this Global Union and receive training in this new science and technology of peace—to achieve national security and invincibility and to create and maintain global peace.





## NUCLEAR THREAT IS AS GRAVE AS EVER

Sixty years ago, the horror of the atomic bomb was first unleashed on the human race in Hiroshima and Nagasaki. And for the past 50 years, since the development of the vastly more powerful hydrogen fusion bomb, the world has endured the threat of nuclear annihilation. For half a century, the fate of humanity has rested precariously in the hands of a few politicians with the power to engulf the world in nuclear conflagration—with catastrophic consequences to mankind and to our planetary ecosystems.

For 35 years, the Nuclear Non-Proliferation Treaty (NPT) has been the cornerstone of diplomatic efforts to reduce the risk of nuclear war. With the recent collapse of the NPT review conference at the United Nations, it is clear that such diplomatic efforts are failing: nuclear weapons states, led by the U.S., are seeking to expand and modernize their arsenals and, in response, non-nuclear weapons states are refusing to limit their own nuclear weapons. With the continuing global proliferation of nuclear weapons, and the appearance of new, destabilizing “battlefield” nuclear weapons, the threat of nuclear war is as grave as ever.

## SCIENTISTS UNITED

The world’s leading scientists and nuclear experts are united in their consensus about the unprecedented danger to humankind posed by nuclear weapons. For 50 years, since the historic Einstein-Russell Resolution (*see below*), the scientific community has issued vivid warnings about the catastrophic effects of thermonuclear war and has called for the abolition of these world-destroying weapons.

### **Einstein-Russell Resolution, 1955**

#### *On the danger of nuclear annihilation*

“In view of the fact that in any future world war nuclear weapons will certainly be employed, and that such weapons threaten the continued existence of mankind, we urge the Governments of the world to realize, and to acknowledge publicly, that their purpose cannot be furthered by a world war, and we urge them, consequently, to find peaceful means for the settlement of all matters of dispute between them.”

—Signed by the world’s foremost scientists



Ever since the Einstein-Russell Resolution, scientists have continued to issue global warnings about the grave dangers to humankind posed by nuclear weapons.

**Pugwash, 1982** (the leading international scientific organization dedicated to eliminating the threat of nuclear weapons)

#### *The ultimate crisis*

“The world continues to head at an ever-accelerating pace towards the ultimate crisis from which there is no return. As long as nuclear weapons remain in the arsenals, with the number of nations possessing them threatening to increase greatly in the absence of a more effective worldwide non-proliferation arrangement, we shall continue to live on the brink of global disaster.”

### **Union of Concerned Scientists, 2002**

#### *The futility of a missile defense*

“Missile defenses do not address the major threats today. There is little incentive for a developing country to use long-range missiles. Other means of delivery are less expensive, more reliable, less attributable, and can deliver larger payloads more accurately than long-range missiles. Brandishing the vast nuclear capabilities of the United States will not make us safer, but will only increase these dangers.”

### **Pugwash, 2004**

#### *The threat of nuclear terrorism*

“In light of the real possibility that terrorists could acquire and use nuclear weapons to kill hundreds of thousands of innocent people, never has the need to eliminate the threat posed by nuclear weapons been more urgent.”

## WARNINGS IGNORED

For more than half a century, the persistent warnings of the world’s foremost scientists have been ignored by political leaders. Today, nuclear nations, led by the United States, are modernizing and expanding their deadly arsenals and are developing new, potentially destabilizing weapons, such as America’s nuclear “bunker buster,” that blur the line between conventional and nuclear war. In response, many non-nuclear weapons states are secretly working day and night to develop their own nuclear capabilities.



What is the motivation for politicians to engage in this game of nuclear brinksmanship? The rationale is the same today as it has always been: there is no technological defense against a nuclear strike. The only viable defense has been to possess one's own nuclear arsenal, and thereby pose a credible threat of devastating nuclear retaliation.

This strategy of defense based upon lethal retaliation—a.k.a. “mutually assured destruction” (MAD)—has created a dangerous global standoff. History records numerous circumstances where spiraling tensions nearly unleashed devastating nuclear war, and where the mental state of a single ruler could have spelled the end of civilization.

Today, with the proliferation of nuclear weapons states, the nuclear threat is greater than ever. In particular, the questionable security surrounding the former Soviet Union's sprawling nuclear arsenal raises the real specter of nuclear weapons falling into the hands of terrorists.

### NUCLEAR DETERRENCE IS NOT ENOUGH

The strategy of nuclear deterrence is no longer enough. Of what possible use is the threat of retaliation against terrorist organizations and suicide bombers, who have no compunction about sacrificing their lives and the lives of others to wreak destruction upon their political and religious enemies? Of what possible use is it against terrorist organizations who possess no sovereign territory that could serve as a target for a retaliatory strike?

Clearly, the threat of retaliation is not enough to safeguard a nation against nuclear attack.

### NEED FOR A NEW APPROACH

The world needs an effective, new defense against weapons of mass destruction. Fortunately, there is such an approach. A proven technology is now available that can reliably prevent a nuclear strike—that can neutralize enemies before they strike.

According to extensive research in the field of conflict resolution, the first stage in the emergence of war is rising tensions among rival factions—acute political, ethnic, and religious tensions that fuel violence and conflict. It is now possible to target and defuse these mounting tensions and thereby avert war before it arises.

This new approach for preventing war and maintaining peace among nations has



an impressive track record. It has been used repeatedly to quell violence and open warfare in war-torn areas, and has been extensively researched in hundreds of studies published in the world's foremost scientific journals.

The approach is based on the most advanced breakthroughs in the fields of physics, physiology, and neuroscience, and has its historical origins in the ancient Vedic science of consciousness, which has been systematically revived in this scientific age by His Holiness Maharishi Mahesh Yogi. It is a practical application of the unified field—the most fundamental and powerful field of nature's intelligence, the unified source of all the laws of nature that maintain order throughout the vast universe. (*See pages 8-9.*)

This approach includes highly developed technologies of consciousness that open human awareness to the direct experience of this fundamental field of unity—a field of absolute peace—at the basis of all diversity. The experience of this field of peace within enlivens peace and unity in the individual awareness. And according to extensive research, a few thousand individuals practicing these technologies together powerfully enliven peace throughout society—defusing acute societal tensions and thereby neutralizing the root cause of social violence and war.

This approach makes it possible to neutralize mounting tensions—and to defuse potentially dangerous political situations—virtually overnight with a strategically located group of experts trained in these powerful, peace-promoting technologies.

### ROADMAP TO DISARMAMENT

As long as there was no proven way to prevent the outbreak of war, it was understandable that political leaders would adopt any and all means available to defend their countries—even the dangerous brinksmanship of mutually assured destruction.

Now, with the emergence of an effective, scientifically proven, peaceful approach to prevent war, leaders need no longer resort to such dangerous and brutal means of defense.

This new science of preventive defense renders offensive weaponry obsolete and irrelevant. It thus provides a practical, proven roadmap to disarmament.

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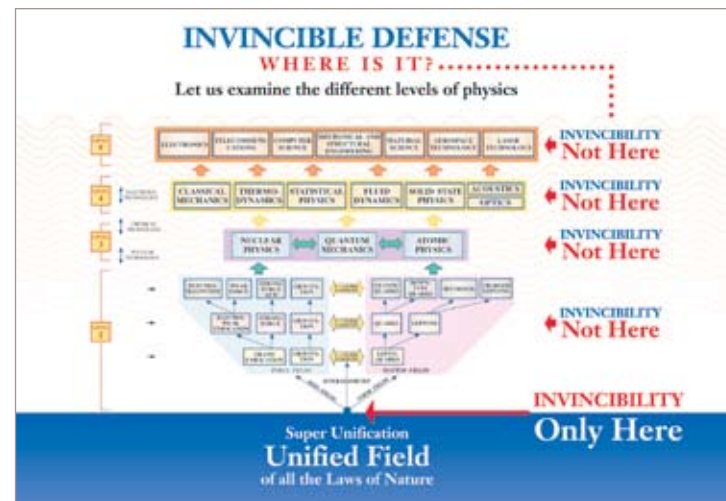


## SCIENTIFIC FOUNDATION A Unified Field Based Approach to Peace

### The Unified Field

Progress in theoretical physics during the past quarter century has led to a progressively more unified understanding of the laws of nature, culminating in the recent discovery of completely unified field theories based on the superstring. These theories locate a single, universal, unified field of intelligence at the basis of all forms and phenomena in the universe. Millions of times more fundamental and more powerful than the nuclear force, the unified field is the ultimate source of the order displayed throughout the vast universe.

The new science and technology of peace constitutes a direct technological application of the unified field. Because it works at the deepest, most powerful level of natural law,\* it can easily overpower—and effectively disarm—conventional technologies of defense based on the electronic, chemical, biological, or nuclear levels.



\*The Heisenberg Uncertainty Principle states that a system's intrinsic energy is proportional to its characteristic frequency:  $\Delta E \geq \Delta t/\hbar$ .

As a consequence, for example, nuclear processes, with their characteristic frequency  $\Delta t_n \sim r_p/c$  (where  $r_p$  is the proton radius), energetically overwhelm chemical processes, whose characteristic frequencies are vastly smaller:  $\Delta t_{ch} \sim r_m/c$  (where  $r_m$  is a typical molecular dimension).

Hence, even if a molecular structure appears impregnable, such as a crystalline lattice of ammonium iodide, this structure can be shattered instantly by a nuclear event, e.g., the radioactive decay of an iodine nucleus embedded within the chemical lattice.

Similarly, a seemingly impregnable nuclear structure, such as an oxygen nucleus, is easily shattered when a constituent nucleon explodes through a grand-unified lepto-quark transition, e.g.,  $p \rightarrow \pi^0 + e^+ + \nu$ .

These examples illustrate that more fundamental levels of natural law are vastly more powerful.

The scale of superunification (the level of the unified field) is the ultimate time and distance scale—the scale of quantum gravity, the Planck scale ( $10^{-33}$  cm)—the dynamical origin of space and time. Because this scale is millions of times smaller than the atomic nucleus, the Uncertainty Principle guarantees that it is correspondingly millions of times more powerful. The unified field can therefore easily overpower any previous level of scientific technology—chemical, electronic, biological, or nuclear.



## The Unified Field of Consciousness

Theoretical and empirical investigation reveals that the unified field is fundamentally a field of consciousness. The fundamental qualities of the unified field—intelligence, dynamism, and self-awareness (i.e., “self-referral,” the non-Abelian property of self-interaction)—are the defining characteristics of consciousness.

Extensive published research further demonstrates that human consciousness can directly access and experience the unified field in the most expanded state of human awareness. This experience of the unified field—known as “pure consciousness”—constitutes a fourth major state of human consciousness, physiologically and subjectively distinct from waking, dreaming, and deep sleep. This experience is marked by the onset of global EEG coherence and increased alpha power, indicating optimum utilization of the total brain.

This fourth state of consciousness is universally accessible through specific, highly developed technologies of consciousness derived from the Vedic tradition of India by His Holiness Maharishi Mahesh Yogi. These technologies include the Transcendental Meditation program and advanced techniques—the most widely practiced and extensively researched technologies in the world for the full development of human potential. (Please refer to [www.TM.org](http://www.TM.org).)

The experience of the unified field within—the field of absolute peace—enlivens peace and unity in individual awareness. And according to extensive research, a few thousand individuals practicing these technologies together powerfully enliven peace throughout society—defusing acute societal tensions and neutralizing the root cause of social violence and war.

**From the perspective of physics, such groups of trained, peace-creating experts collectively accessing and stimulating the unified field generate powerful waves of unity and coherence that permeate the collective consciousness of the whole population. The immediate, practical result is markedly reduced crime and social violence, and improved positive trends throughout society.**

It is very fortunate that, in this scientific age, the scientific method affords a rigorous and reliable means of gaining knowledge—which combines the precise, mathematical formulation of scientific principles with objective, empirical means of scientific validation. Much credit goes to the scientific method, which has brought out this new science and technology of peace on a highly practical, reliable, scientific basis.



## THE TIME TO ACT IS NOW

Every day that the fate of human civilization remains threatened by nuclear extinction is a day too many. When there is a proven means to put an end to war and to rid our planet of nuclear weapons, we are obligated to act—and act decisively.

The time to act is now. There is nothing to prevent the immediate implementation of this effective new technology. The cost of implementation is negligible: for less than the cost of a single B2 bomber, any government can endow a group of 10,000 trained, peace-promoting experts—enough to prevent violence and warfare on a global scale.

We call upon all scientists and government leaders to use their influence and resources to create at least one global, peace-creating group, and to establish smaller groups in their own countries. **The state of the world today, with nuclear proliferation and the rise of terrorism, does not afford us the luxury of delay.**

## URGING RESTRAINT IS NOT ENOUGH

For 50 years, scientists have been promoting peace, disarmament, and non-violent conflict resolution. These efforts, while laudable, have not achieved the goal. Their lack of success is because scientists have not possessed an effective technology of peace. As a consequence, they have been forced to advocate nuclear restraint—a voice that has been overwhelmed by politicians' perceived need for a strong nuclear deterrent.

**Now scientists can equip themselves with a powerful, proven approach to peace and national security—and play a decisive role in the leadership of their nations. It is no longer necessary to leave the fate of the world in the hands of ignorant politicians with destructive agendas. We can now render such aggressive tendencies utterly impotent by creating an overwhelming physical influence of peace.**



## GLOBAL UNION OF SCIENTISTS FOR PEACE

The Global Union of Scientists for Peace has been formed to provide scientists with this proven new approach to peace. The Global Union is a powerful, international non-governmental organization composed of leading scientists and policy experts who are committed to peace and who have the actual capability to achieve peace and national security on a scientific basis.

Leading scientists are invited to become leaders of the Global Union of Scientists for Peace in their countries, and to receive advanced training in the latest technologies of peace. An elite, weekend-long cyberconference will soon be held to offer advanced training in the science and technology of peace, led by the leading researchers in this field—and by renowned Vedic scientist and sage His Holiness Maharishi Mahesh Yogi, who has revived powerful, peace-promoting technologies from the Vedic science of consciousness.

The cyberconference will enable scientists from every country to participate from the comfort of their own homes.

### **To participate in the conferences, contact:**

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**www.NuclearAlert.org**





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put an end  
to the nuclear threat  
and bring lasting peace  
to the world.**

***The time to act is now.***