

Science4Peace Forum

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Appeal: no first – never use of nuclear weapons

No-first use, never use of Nuclear Weapons

In the war against Ukraine, which we condemn in strongest terms, too many people have been killed and too much hate and fear was created and amplified, too many war-crimes were committed.

We urge for an immediate ceasefire and humanitarian aid for those who are suffering from the war.

The escalation in words and military actions has brought us in Europe much closer to the danger of the use of nuclear weapons. In the face of a vast and hardly imaginable global destruction or a regional catastrophe with planetary consequences, we as scientists cannot stay silent: Any nuclear attack from any side will create responses and retaliations from other nuclear powers, and in a short time millions of people will be killed, huge areas on land and sea will be destroyed and contaminated. The atmosphere will carry radioactive elements and soot, which could lead to nuclear winter and a global famine. Scientific studies demonstrate clearly and undoubtedly, once nuclear weapons are fired, there is no time left for decisions and there is no way back.

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Being paralyzed by the nuclear threat, we are facing serious and dangerous crises which need to be solved: The climate crisis with storms, floods or droughts in many countries, with merely no chance for millions of people to survive. The food-, ecosystem-, social- and energy crises, will affect mostly low income countries.

Instead of engaging in wars, we need to put all our efforts and resources to resolve these issues. As scientists we are committed to research for the benefit of humanity and to engage for a peaceful world in which every being has a future.

We demand from all politicians and political leaders:

- Stop the verbal escalation, stop making any statements and decisions which will destroy the future of all of us, independent of nation, gender, race
- Take scientific advice as a guideline of your decisions, and make decisions which allow a future for all of us.
- Remember the inferno of Hiroshima and Nagasaki and take historical considerations into account.

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We demand from all governments, including those in the Asia, EU, Russia and US:

- Urgently declare publicly, to subscribe to the no-first-use policy of nuclear weapons or other weapons of mass destruction, and and refrain from any use of these weapons.
- Sign immediately the Treaty on the Prohibition of Nuclear Weapons launched by the United Nations.

This call is initiated by:

IPPNW international, International Peace Bureau, Naturwissenschaftler*innen Initiative „Verantwortung für Frieden und Zukunftsfähigkeit“, Peace Institute-Institute for Contemporary Social and Political Studies, Ljubljana Slovenia, Ukrainian Pacifist Movement, World beyond War , Science4Peace Forum.

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changes

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Responses on appeal

- some iterations
- support from organizations:
 - Naturwissenschaftler*innen Initiative „Verantwortung für Frieden und Zukunftsfähigkeit“ (thanks to Malte)
 - IPPNW international (thanks to Inga et al)
 - International Peace Bureau (thanks to Yurii)
 - Peace Institute-Institute for Contemporary Social and Political Studies, Ljubljana Slovenia (thanks to Yurii)
 - Ukrainian Pacifist Movement (thanks to Yurii)
 - World beyond War (thanks to Yurii)

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Appeal: no first – never use of nuclear weapons

- already started collecting first signatures from mainly scientists → aim at > 100

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Appeal – first signees

- first Signees, until now 29:
 - among them
 - Giorgio Parisi (Nobel Price Physics 2021)
 - Beate Heinemann (DESY research director)

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Appeal: next steps

- already started collecting first signatures from mainly scientists → aim at > 100
- first signees with names and affiliations → 2 weeks
 - help and support from everybody is needed
- then publish the appeal in media
 - Nature
 - Social Media
 - need **financial** support to pay for advertisement
- launch appeal on change.org for further signatures
 - after collecting 10 000 (???) signatures from scientists, send the appeal to the governments, parliaments

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other appeals

- Statement launched by G. Parisi et al (under Articles on Science4Peace Web page)



[Home](#) › SICA Group Statement

Statement by the SICA Group

Statement by the Working Group for International Security and Arms Control (SICA)

A recognised function of the current nuclear arsenals is to dissuade opponents with such weapons from using them, by threatening catastrophic retaliation. It is the *Guaranteed Mutual Destruction* that has marked the years of the Cold War.

The use of 'tactic' nuclear weapons has been ventilated in the context of the conflict between Russia and Ukraine by leaders of the aggressor country, to stop a conflict that now seems to be going against them. However, the mere mention of the possible use of 'tactic' nuclear weapons is dangerous and raises highly disturbing scenarios.

Despite the reassuring name, the "tactic" weapons now available in very large numbers each have a comparable explosive power, and in many cases higher, than that of the only two bombs used throughout history, in Hiroshima and Nagasaki, which have caused hundreds of thousands of immediate deaths and a greater number of survivors sick as a result of nuclear radiation.

'Strategic' nuclear weapons, also available in large numbers to the major nuclear powers, have explosive powers even thousands of times higher, and their use in a total nuclear war could lead to the erasure of the entire human species from planet Earth. This justifies the claim that *a nuclear war cannot be won and therefore must not be started*, as jointly stated years ago by M. Gorbachev and R. Reagan,

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other appeals

- Appeal by: Physicists Coalition for Nuclear Threat Reduction condemning nuclear threats (supported by the American Physical Society and Carnegie Corporation)
 - [link](#)
 - from the appeal:
 - *“With this statement, we add our voices to those already speaking out about the immense danger posed by nuclear weapons and call for immediate and concrete actions towards their elimination.”*
 - ➔ statements and requests are weaker than in our appeal
 - Contacted organizers, invited to our meeting
 - no first signees
 - no signees visible
- continue with our appeal

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Science4Peace Fund

- Science4Peace Webpage: <https://science4peace.com/>
 - [Science4Peace](#) Fund– created last year, with donations from my students
 - source can be used to support with a small amount scientists at risk
 - donations can be made online with PayPal

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Organization

- Science4Peace Webpage: <https://science4peace.com/>
 - Science4Peace Fund: ZOOM account and web page independent of any institution
 - Please check <https://science4peace.com/> for further infos:
 - collection of links to statements from research institutions
 - public events (like this one, with slides)
 - any other further infos
 - For discussions on Science4Peace matters, please use (and register) at our Signal channel ([Signal registration](#))
- Petition: Stop the escalating spiral
 - available on <https://www.change.org/science4peace>