

Science4Peace Forum

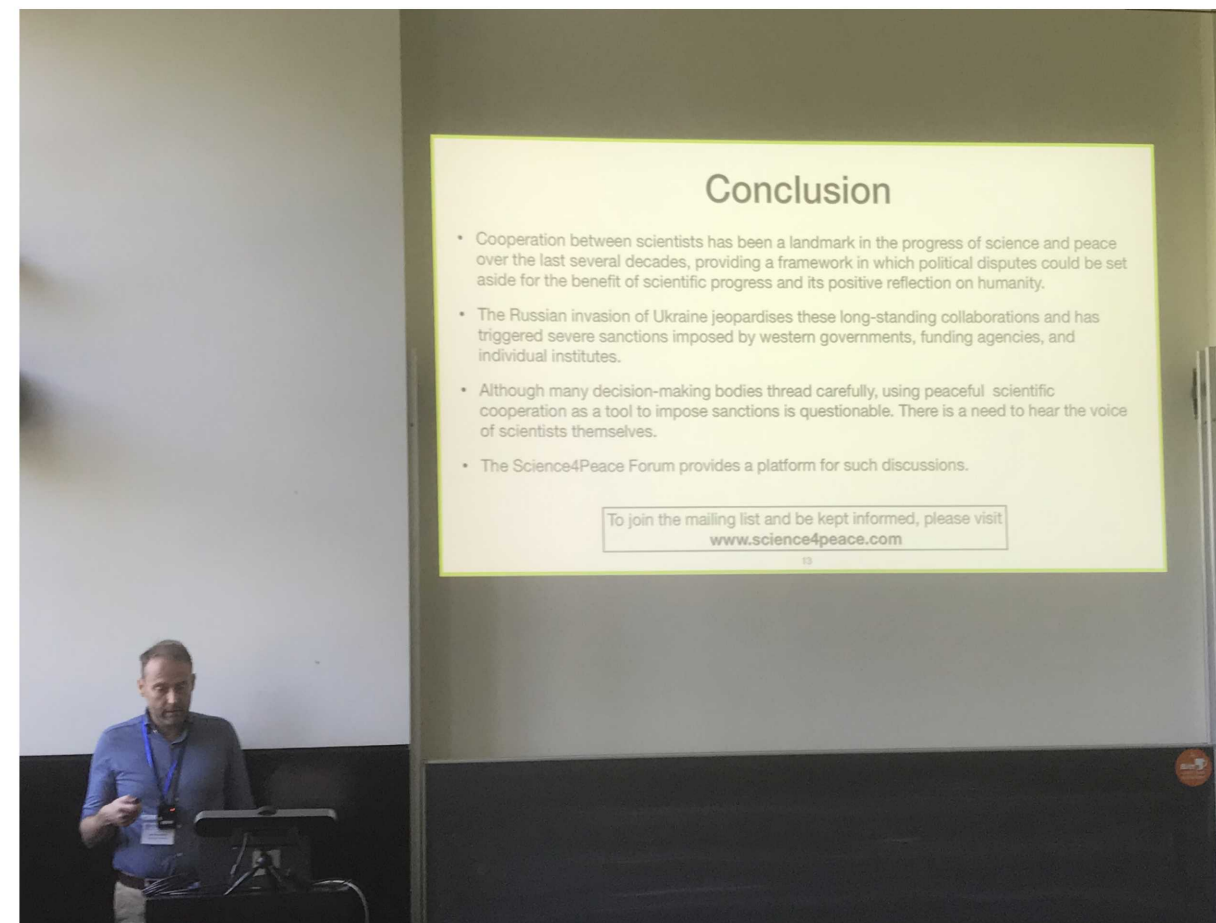


Science4Peace Forum

Talk at EPS 2023



- We got an invitation to talk about Science4Peace at [EPS 2023](#) 21. - 25. Aug 2023
- Pierre van Mechelen (Antwerpen) kindly agree to give the talk at EPS 2023



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Dossier “Sanctions in Science”



- We will provide a Dossier on the Panel Discussion “Sanctions in Science”
 - still waiting for some of the contributions
 - could serve as a basis for the Proceedings for EPS2023
 - will will also publish it on arXiv
 - and perhaps in “Wissenschaft&Frieden”

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Yurij in danger



- Yurij mail: 3 August 2023

Dear friends, Today my apartment was searched by the Security Service of Ukraine. They found nothing criminal but decided to take my phone and computer, and some documents of Ukrainian Pacifist Movement.

I am formally charged of justification of Russian aggression and indictment is based solely on the "Peace agenda for Ukraine and the world"

<https://worldbeyondwar.org/peace-agenda-for-ukraine-and-the-world/>

- S4P send a [letter in](#) support of Yurij (letter is signed also by 2 Nobel Laureates)
- 13 August 2023 - Facebook: *"First step towards justice: My constitutional complaint has passed preliminary investigation and corresponds to the established form. A word for the judges."*
- Yurij Sheliazenko [War and Nonviolent Intervention](#) article in Wissenschaft & Frieden

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Talking about nuclear weapons



•Link to [Physics Today](#)

PHYSICS TODAY

THE MAGAZINE LATEST WEBINARS PHYSICS JOBS [ABOUT](#)

Volume 76, Issue 8
1 August 2023



[Next Article](#) >

Physicists need to be talking about nuclear weapons

[Stewart Prager](#); [Frank N. von Hippel](#)



Physics Today **76** (8), 10–11 (2023);

<https://doi.org/10.1063/PT.3.5279>



PDF



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Cite

At the beginning of the nuclear era, many of the leading physicists of the 20th century—including Albert Einstein, Niels Bohr, Enrico Fermi, Werner Heisenberg, Hans Bethe, and J. Robert Oppenheimer—and many of the younger physicists involved in the US's secret nuclear weapons project during World War II discussed the consequences of their work and issued warnings about the dangers of a nuclear arms race with the Soviet Union. Currently, however, despite Russia's threats of nuclear use and a developing nuclear arms race with China, the US physics community is having little such discussion.

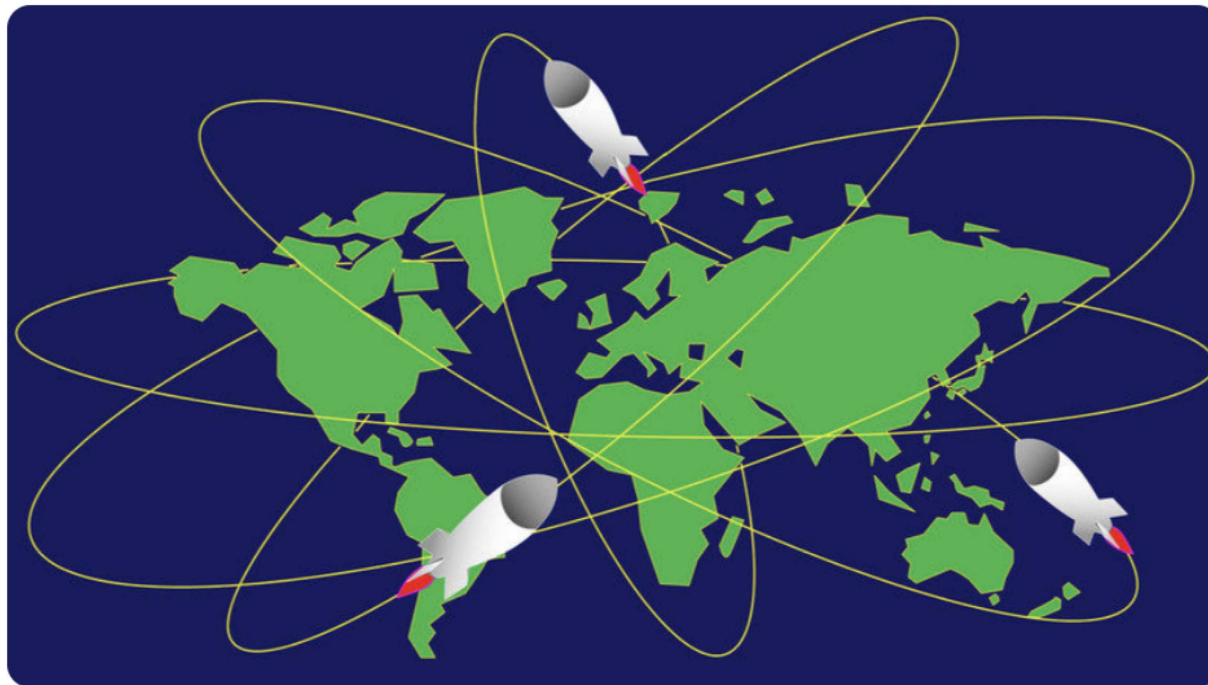
That is, perhaps, because until recently and in contrast with the Cold War nuclear arms race, nuclear weapons work in the US has been focused primarily on maintaining and refurbishing the existing nuclear warhead stockpile. But the consequences of using a significant fraction of the global stock of nuclear weapons remain

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Appeal: no first – never any use of nuclear weapons



No First Use, Never Any Use of Nuclear Weapons




Startdatum 23. November 2022

1.947

Unterschriften

2.500

Nächstes Ziel

 Jetzt unterstützen

**Petition
unterschreiben**

Vorname

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News



- Against sanctions in science:
 - “Special remote DESY summer-school” from 7. Aug. - 1. Sept 2023
 - This school is:
 - part of the International Year of Basic Sciences for Sustainable Development
 - endorsed now by IUPAP
 - open to everybody
 - registration without affiliation and Country
 - The remote summer-school is open to all students, and follows the basic ideas of a remote summer-school we had during the pandemic.
 - 60 registrants, 30 students participated over the 4 weeks very successfully



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Workshop on computer cluster on renewable energies



- in 2013, scientific exchange between Higher Institute of Technologies and Applied Sciences (InSTEC, University Havana) and DESY started
- summer-students come every year to DESY, in total now 16, some continue as PhD students (in total 10) some stay in science as postdocs
- Idea to establish permanent and regular scientific exchange with institute in Havana
- Good internet connection is needed for scientific exchange – internet connectivity is hampered due to the “US embargo” – Cuba is not connected to fast internet links
- Humboldt Highway projects aims to improving the situation:
Application to DAAD (German academic exchange service) for support with devices for video conferencing – in pipeline

- Discuss possibilities to build a computer cluster which runs fully on renewable energies to support the scientific exchange program between scientists in Cuba and in Europe.
- **THINK BIG** – aim for a full scale computer cluster located in Cuba for scientists in the Caribbean fully on renewable energies
- Project can be part of the Science4Peace idea of CERN and DESY – enable and encourage international collaboration and cooperation
 - against digital and scientific divide
- [International Year of Basic Sciences for Sustainable Development 2022/2023](#) encourages such projects

Ideas

- Define the long term goal – in 5-10 years
 - Full Scale Computer center on renewables
- Intermediate goal – 2-5 years
 - Computer cluster at InSTEC on renewables with up-to-date CPUs etc
- Short term goal – 1-2 years
 - small cluster existing –back up with PV system to ensure stable operation even in power-cut situations
 - on-site applications of Monte Carlo simulations in the field of elementary particle physics.
 - cluster can serve as a testing field under real conditions for operating a computer cluster based on the availability of energy

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Decade of Sciences for Sustainable Development



- UN General Assembly resolution: [Decade of sciences for Sustainable Development](#)
- *Decides* to proclaim the period 2024–2033 the International Decade of Sciences for Sustainable Development, within existing structures and available resources, to represent a unique opportunity for humanity to use the critical role that sciences play in the pursuit of sustainable development in its three dimensions as one of the key means of implementation as well as in responding to the complex challenges of our time to ensure a safe and prosperous future for all;
- *Invites* the United Nations Educational, Scientific and Cultural Organization to lead the implementation of the Decade, in collaboration with other relevant organizations of the United Nations system as well as other stakeholders, including those involved in the International Year of Basic Sciences for Sustainable Development, identifying and developing activities and programmes within their mandates and using existing resources and voluntary contributions, as appropriate;
- We can contribute, building something new and important in terms of **Science4Peace: Computing cluster on renewable energies !**

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Organizational Issues



- We should think about a *Steering Committee* to help and support in decisions:
 - people who are available and feel committed to Science4Peace idea and to promote it further
 - who can make decisions on a short term basis
 -
- Science4Peace Fund:
 - it is existing, see [S4P fund](#)
 - we have a few hundred Eur, spend for ZOOM etc
 - perhaps we can support also other projects ?
 - need it on a formal basis ?

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Next meetings



- Next meetings:
 - I am on holidays until end September
 - Who can chair and run meetings in September or should we pause ?
- Projects for Winter term:
 - Talk on AI and arms control - [Karl-Hans Bläsius](#) (Univ Trier, Germany)

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AOB



- AOB

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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](#))