

# Science4Peace Forum









# Science4Peace Forum

## Dossier “Sanctions in Science”



### Sanctions in Science - One year of sanctions

H. Jung  (editor), M. Albrecht, A. Glazov , G. Neuneck, N. Raicevic ,  
J. Scheffran , M. Spiro , J. Vigen 

Science4Peace Forum,  
NatWiss - Verantwortung für Frieden und Zukunftsfähigkeit e.V.,  
W&F - Wissenschaft & Frieden  
invite

### **Sanctions in Science** One year of sanctions **A virtual panel discussion**

**12 April 2023, 5 pm (CEST)**

Panel:

- Dr Michael Brzoska (IFSH Hamburg)
- Dr Alexander Glazov (Particle Physics, BELLE II, DESY)
- Charles K. Johnson (Program Director of IPPNW international)
- Dr Götz Neuneck (Vereinigung deutscher Wissenschaftler VDW, Co-chair and Pugwash)
- Dr Clara Portela (Faculty of Law, University of Valencia)
- Dr Natasa Raicevic (Particle Physics, CMS, University of Montenegro)
- Dr Michel Spiro (President of the International Union of Pure and Applied Physics, IUPAP, and chair of the board of the CERN&Society foundation)
- Dr Jürgen Scheffran (Geography, University of Hamburg, NatWiss, VDW)
- Dr Ernst von Weizsäcker (Honorary President of Club of Rome)

Moderation: Dr John Ellis (King's College London, CERN)

<https://tinyurl.com/Science4Peace-PanelDiscussion>



Science4Peace web page: <https://science4peace.com>  
Science4Peace Forum contact: [hannes.jung@cern.ch](mailto:hannes.jung@cern.ch)  
NatWiss: <http://natwiss.de/>  
Wissenschaft & Frieden: <https://www.wissenschaft-und-frieden.de>

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## Dossier “Sanctions in Science”



- First draft for Dossier on “Sanctions in Science” ready: [link](#) → please comment !
  - Contributions from:
    - M. Spiro, J. Vigen
    - N. Raicevic
    - G. Neuneck
    - S. Glazov
    - J. Scheffran, M. Albrecht (article from Frankfurter Rundschau)
  - pending:
    - experiences under sanctions → reports from individuals
- Dossier can also serve as material for EPS proceedings !



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Cooperation CERN, JINR and other institutes



ORGANISATION EUROPÉENNE POUR LA RECHERCHE NUCLÉAIRE  
**CERN** EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

CERN 75-7  
Laboratory I  
Personnel Division  
16 June 1975

A HISTORY OF THE COLLABORATION BETWEEN  
THE EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH (CERN)  
AND THE JOINT INSTITUTE FOR NUCLEAR RESEARCH (JINR),  
AND WITH SOVIET RESEARCH INSTITUTES IN THE USSR  
1955-1970

W.O. Lock

- Thanks to J. Bienlein
  - [link](#) to report
- already in 1955 cooperations started, it should not be easily given up !
-

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## “Sanctions in Science”



- How to proceed:
  - next year, cooperation agreements between Russia and CERN end – will they be renewed ?
  - how to proceed with publication issues ?
  - can we just accept, that science will be divided ?

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News on Yuriy



- Yuriy Facebook message today:

*“Political repressions by Security Service of Ukraine, instigated by Office of President Zelensky, are continuing. Today notorious judge Demidovska\* prolonged my night house arrest till 30.11 despite prosecutor asked only till 03.11.*

*I will continue to defend human rights and advocate peace!*

*\* Judge Alla Demidovska was arrested for taking a bribe in 2013 and escaped criminal responsibility because of corporate solidarity of judges. Also, she was fired for wrongly punishing Euromaidan protesters but managed to return to office with a help of Supreme Court.”*



# Science4Peace Forum

News



- 20. Oct 2023 - Frauenkirche Dresden  
**Technology 4 Peace – Science Slam**
  - We are invited to join - 10 Min presentation (thanks a lot to Denise Erb)
    - should we attend ?
    - who can join ?

A banner for the Science Slam event. It features a blue background with binary code (0s and 1s) and large, stylized letters spelling out "PEACE". The letters are in various shades of blue and white, some with a glowing effect. The banner is curved at the bottom.

BESUCHEN ENTDECKEN UNTERSTÜTZEN Service

FRAUEN KIRCHE DRESDEN

SCIENCE SLAM

## Technologies 4 Peace

Wissenschaft in kurz & knackig

Der erste Science Slam im Frühjahr dieses Jahres war ein voller Erfolg, nun gehen wir in die zweite Runde. Unter der Überschrift »Technologien für den Frieden« stellen sich Forscher\*innen aus Dresden, Münster, Berlin und Genf dem Wort-Battle. Mit jeweils 10-minütigen Präsentationen lassen sie das Publikum allgemeinverständlich in die Welt der Wissenschaften eintauchen. Kurzweilig gibt es u. a. zu

**Eintritt frei**

**FREITAG**  
**20. OKTOBER 2023**  
**19:30 UHR**

**ORT**  
Hauptraum  
Zugang über Eingang D

Technische

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News



- Talk by **Prof. Tatsujiro Suzuki** (Nagasaki) (thanks to Maurizio Bona)
  - about his work together with the Research Center for Nuclear Weapon Abolition in Nagasaki on a program on the reduction of risk of nuclear weapons use in Northeast Asia.  
He would of course be available also to answer questions on the specific topic of reducing risks of use of nuclear weapons.
- 19 to 26 October 2023 (at 5pm) **or** Nov/Dec in early afternoon (Japan time difference 7h)
- can we organize a bigger event in 2 weeks ?



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News



- Talk by *Italian Permanent Representative to the Conference on Disarmament*, **Ambassador Leonardo Bencini** (thanks to Maurizio Bona)
  - get further insights on the status of discussion of nuclear disarmament in UN as well as on actual status of discussion on military threats (AI, cyber, etc).
- when: Nov/Dec 2023 or spring 2024

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News



- 15. Nov 2023

- ARTIFICIAL INTELLIGENCE AND NUCLEAR WAR RISK

[Karl-Hans Bläsius](#) (Univ Trier, Germany)

Abstract: Ever shorter warning times in early warning systems for nuclear threats require increasing use of AI techniques. However, due to the uncertain and incomplete data basis, even AI systems cannot reliably assess threat situations. The risks will continue to increase. This is because an arms race based on the current situation will also occur in connection with AI in particular. This could give rise to weapons systems in the next few years that will be uncontrollable by humans. On May 30, leading AI scientists and AI company executives warned that AI could lead to the extinction of humanity. Developments of specialized non-military AI applications could spiral out of control and dominate the flow of information on the Internet. As a result, social systems could become unstable. This would also significantly increase the risk of nuclear war.

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Decade of Sciences for Sustainable Development



**ICAN**  
PARTNER

- 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;



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New Science4Peace projects



- As part of the [Decade of sciences for Sustainable Development](#) we should think forward and prepare Science4Peace projects:
- **Remote Summer-schools:** based on the experience of this years summer-school hosted by DESY, we could prepare and propose remote summer-schools together with CERN to especially invite students from countries who have little chances to participate in regular schools
  - low threshold entry
  - no costs
  - provide physics training on relevant and up-to-date projects which can be worked on from remote
- Towards sustainability in computing: a project to overcome the oldest sanctions against a country – **a computing center for the Caribbean fully on renewable energies hosted in Cuba.**
  - involves renewable energy supply
  - developments in computing center operation
  - developments in efficient computing algorithms – physics applications



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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
  - Please let me know, if you are interested !
- 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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AOB



- AOB

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Science4Peace Fund



- Science4Peace Webpage: <https://science4peace.com/>
  - Science4Peace Fund
    - source can be used to support with a small amount scientists
    - 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](#))