

Science4Peace Forum



Welcome !

All infos on: [Science4Peace Webpage](https://science4peace.com/Public-Events/Entries/2025/6/science4peace-general-discussion.html)

<https://science4peace.com/Public-Events/Entries/2025/6/science4peace-general-discussion.html>

Science4Peace Forum

S4P Civil Clause paper released



- New Science4Peace paper released ([arXiv](#), [Zenodo](#), [local copy](#))

Science for Peace and the need for Civil Clauses at universities and civilian research institutions

J. Altmann, U. Amaldi , M. Barone , A. Bassalat , M. Bona , J. Beullens, H. Brand , S. Brentjes , D. Britzger , J. Ellis , S. Franchoo , A. Giammanco , A. Glazov , C. Heck , H. Jung , S. Kraml , L. Lönnblad , M. Mangano , M. Renneberg, Th. Riebe, A. Sabio-Vera , R. Sanders, J. Scheffran , M. Schmelling , T. Schucker , T. Suzuki , A. Tanasijczuk , I. Tsakov, D. Valls-Gabaud, M. Walker
The Science4Peace Forum

Abstract

After the end of World War II, the commitment to confine scientific activities in universities and research institutions to peaceful and civilian purposes has entered, in the form of *Civil Clauses*, the charters of many research institutions and universities. In the wake of recent world events, the relevance and scope of such Civil Clauses has been questioned in reports issued by some governments and by the EU Commission, a development that opens the door to a possible blurring of the distinction between peaceful and military research.

This paper documents the reflections stimulated by a panel discussion on this issue recently organized by the Science4Peace Forum. We review the adoptions of Civil Clauses in research organizations and institutions in various countries, present evidence of the challenges that are emerging to such Civil Clauses, and collect arguments in favour of maintaining the purely civilian and peaceful focus of public (non-military) research.

76v1 [physics.soc-ph] 28 May 2025

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Civil Clause discussion at DESY



- Discussion at DESY continuing – tomorrow “TownHall” meeting
- Science4Peace@DESY has released a “Round Table” paper:
 - it must be guaranteed:
 - cooperation of DESY with institutes and companies that are directly involved in military projects (and wars) must not take place.
 - research by external groups on mainly military projects must not take place
 - direct internal military research does not take place
 - Dual-use projects must have a peace-building character.
 - reformulation of mission statement:
 - *“The institute and the staff aim to serve peace, peaceful coexistence and international understanding with their research. They therefore work on civil projects, direct military research does not take place. All results of scientific and technical research are generally published and made publicly accessible.”*

Science4Peace Forum

Civil Clause discussion at DESY



- Discussion at DESY continuing – tomorrow “TownHall” meeting
 - Info page for [discussion](#)
 - interesting infos on cooperation of DESY with companies:
 - can one cooperate with companies who are involved in arms production ?
 - ULTRASAT: A Wide-field Time-domain UV Space Telescope [2304.14482](#)

2. Design and Performance

Here we briefly describe the spacecraft, its payload, and performance. ULTRASAT’s key performance characteristics are given in Table 1. The ULTRASAT spacecraft will be constructed by the Israeli Aerospace Industry (IAI). It will carry a single instrument—a wide FOV ($\cong 204 \text{ deg}^2$) telescope constructed by Elbit/Elop, with a focal-plane array (FPA; hereafter camera) constructed by Deutsches Elektronen-Synchrotron, including a UV-optimized detector produced by TowerJazz and designed by AnalogValue.

- “The MBT Space Division of Israel Aerospace Industries is building the satellite and will monitor the mission in space and the installation of the telescope built by Elbit Systems Electro-Optics – Elop. DESY builds the telescope's camera, which is equipped with special detectors developed by Tower Semiconductor for this mission.” from [Israel heute](#)

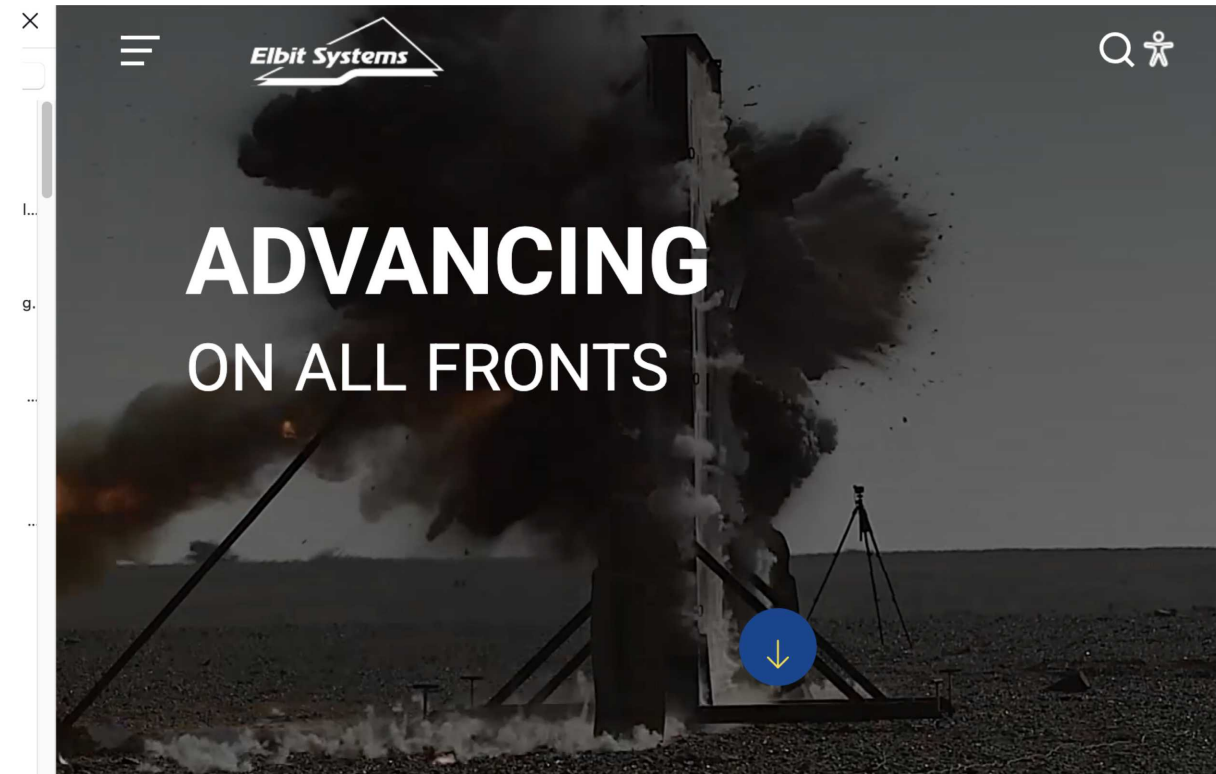
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Elbit Systems



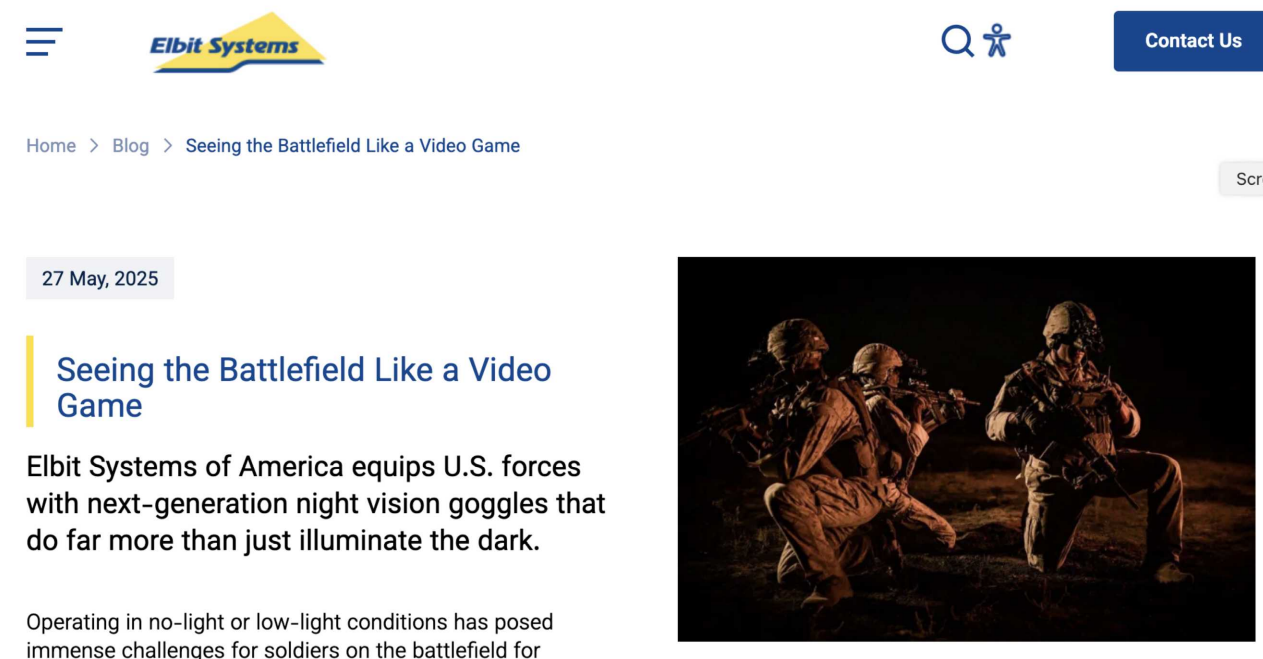
- Elbit systems – Advancing on all fronts

<https://www.elbitsystems.com>



- Elbit systems – seeing the battlefield like a video game

<https://www.elbitsystems.com/blog/seeing-battlefield-video-game>



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civil clause – in practice



- Example of ULTRASAT shows the difficulties !
 - How to deal with this !
 - “Even” fundamental research is affected by military companies
 - this will become more with the new increased financed for military and the explicit support for funding dual-use projects by EU and national governments

Science4Peace Forum

Science4Peace Seminar in Pavia and Bari



- Very good Science4Peace Seminar



Seminar

Karen Hallberg and Maurizio Bona

Science, peace, and security from the scientists, and citizens, perspectives

Thursday 29th May 2025, 16:30h - Room A101

Abstract: international security and peace are very serious concerns in these days full of conflicts and marked by unpredictable political, economic and social changes. The role science can play in such a tensed global scenario is a complex one. Beside the contribution it can give to promoting dialogue and peace, it can also make available knowledge and instruments that may be used to offend, ranging from application of AI for new kinds of armaments to the development of even more destructive nuclear weapons. Since its creation the Pugwash institution, which earned the Nobel Peace Prize in 1995, is very active to “develop and support the use of scientific, evidence-based policymaking, focusing on areas where nuclear and mass destruction weapons risks are present”. Participating remotely via videoconference, Karen Hallberg, the present Secretary General of Pugwash, will present an overview of Pugwash’s action, with focus on the most critical topics the organization is presently dealing with and on the solutions it proposes to reduce global security threats and the danger of armed conflicts. The presentation is in the context of the course “Sciences, diplomacy and policymaking for a sustainable future” given by Maurizio Bona, who will initiate and moderate a dialogue with Karen Hallberg after her presentation, with the participation of the audience.



Karen Hallberg is the Secretary General of the Pugwash Conferences on Science and World Affairs. She is a physicist at the Bariloche Atomic Center and Professor of Physics at the Balseiro Institute. She received the 2019 L’Oreal-UNESCO International Award for Women in Science. She is a member of the Latin American Academy of Sciences and a member of the World Economic Forum Global Future Councils on the Future of Quantum Economy and Next-Generation Computing.



Maurizio Bona is an expert in scientific diplomacy and a promoter of initiatives aimed at enhancing the role of science, technology and STEM education for the good of society. He spent his entire career at CERN, where he was an advisor to the Director General, responsible for relations with international organizations, and CERN’s representative at the UN General Assemblies. He was Vice-Chair of the Steering Committee of the International Year of Basic Sciences for Sustainable Development.



Tuesday June 3rd 2025 - 15:00

streaming

Aula A “Giuseppe Nardulli”
Dipartimento Interateneo di Fisica
Università Degli Studi di Bari



<https://us06web.zoom.us/j/81992137088?pwd=D7gLabMfeXaBBajkts1qEPWB05bLyc.1>

Meeting ID: 893 4014 6527

Access code: 584120

Science for peace

70 years after the Einstein-Russell Manifesto

Roundtable with:

Paolo Cotta Ramusino
(Pugwash)

Hannes Jung
(Science4Peace Forum)

Lisa Clark
(Italian network for Peace and Disarmament)

Francesco Forti
(Union of Scientists For Disarmament)

Flavio Del Santo
(Manifesto scientists against rearmament)

Alessandro Mirizzi
(Center for Peace Research, Bari University)

Logos: DIPARTIMENTO INTERUNIVERSITARIO DI FISICA, USPID Unione Scienziati Per il Disarmo, Centro Interdipartimentale di Ricerche sulla Pace "G. Nardulli"

- For Recoding please ask alessandro.mirizzi@ba.infn.it

Science4Peace Forum

Scientific freedom – statement at G7



ICAN
PARTNER

The Ottawa Declaration of the Science Academies of the G7

June 2, 2025

The knowledge developed by investments in research and in cooperation between and among researchers within the G7 countries has provided enormous benefits to the health and prosperity of our nations. Yet, there is so much that we take for granted in our daily lives and in our quality of life that would not exist if it were not for these scientific advances.

Indeed, the G7 countries have seen particular benefit from the investments in research, the mobility of researchers and the collaborations across borders that have accelerated discovery, knowledge creation and innovation. The continued and sustained commitment to investment by governments and the private sector have, at the core, been foundational to the economic and social development of G7 nations. Together, we have established a system of science based on transparency, meritocracy and openness that has provided the normative framework for science around the globe.

[link](#)

As democracies, it is critical that our nations continue to support academic freedom, institutional autonomy, the integrity of research, research security, and the responsible conduct of research in support of the public good.

We recognize that national circumstances often shape the approaches that countries take in pursuing both national science policy and international cooperation. We also recognize the central role of governments, universities, academies and civil society in standing up for principles that ensure that the scientific collaboration between and among our nations continues to be guided by a shared pursuit of knowledge to advance the public good.

As the science academies of the G7 we commit to strengthening our efforts in defense of the integrity of science and the science advice systems that are critical elements of free and democratic societies.

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Discussion on Gaza



- EUstaff4peace – [link](#) to letter to EU presidents

- from a mail reply:

“However, in EUStaff4Peace, we believe that a complete isolation of Israel is necessary at this point in time when it comes to science collaborations, similarly to what was done with South Africa. While we agree that science collaboration can build peaceful links between states, we also believe that stopping the collaboration, even in science, is an effective form of sanction when serious human rights violations are committed by a state.”

Science4Peace Forum

Discussion on Gaza



- Stop European Funding for Israeli Institutions, Stop Complicity in Occupation, Apartheid and GenocideU [\(link\)](#) *(original link on Google was removed)*

- For researchers, science professionals, university staff and students based in Europe, Horizon Europe partner countries or affiliated to an EU institution*

- from the letter:

We therefore demand that the EU:

1. Suspend all ties with Israeli research institutions, and revoke Israel's status as a Horizon Europe associated country
2. Take the lead in reconstructing Palestinian universities and institutions destroyed by Israel
3. Initiate an investigation into the human rights impact of past and future research funding awarded to Israel

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Discussion on Gaza



- Should we as S4P support this (or another letter) ?
 - should we produce our own declaration ?
- Can we do something else than a declaration ?
 - is there any direct support needed ?

Science4Peace Forum

Seminar series on Nuclear Bomb



- 80 years victory over Nazi Germany
- 80 year remembrance of Hiroshima/Nagasaki
- 70 year of Einstein Russel [manifesto](#)
- Seminar series:
 - 18. June: Hitlers Atomic Bomb - Mark Walker
 - 16. July: Responsibility of scientists - Manhattan Project - participation in military projects
 - 13. August: Hiroshima/Nagasaki - lessons for today - nuclear disarmament (ICAN & IPPNW)
 - 10. Sept: Nuclear threat in Asian region
 - 8. Oct: Nuclear Bomb for Europe - nuclear participation

- Please register at:
<https://tinyurl.com/S4PseminarJune2025>

Science4Peace Forum
invites



Hitler's Atomic Bomb by Prof Mark Walker

18 June 2025, 5:00 pm (CEST)

virtual event - ZOOM only

please register at: <https://tinyurl.com/S4PseminarJune2025>



After the discovery of nuclear fission, scientists in several different countries, including National Socialist Germany, brought the potential military applications of fission to the attention of political and military authorities. This talk will examine the wartime German uranium project, which ran parallel to the American Manhattan Project. What the Germans did and did not understand about nuclear weapons, the effect of the war on the research, and the motivations of the scientists will all be examined.

Prof Mark Walker is the John Bigelow Professor of History at Union College in Schenectady, NY USA, where he teaches the history of science and technology and modern European history. He has recently published a book, *Hitler's Atomic Bomb: History, Legend, and the Twin Legacies of Auschwitz and Hiroshima* (Cambridge: Cambridge University Press, 2024).



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Other issues



- S4P orga team:
 - welcome Denise Erb, Sonja Brentjes, Serge Franchoo to join orga team

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AOB



- AOB

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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](#))

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Science4Peace Fund



- Science4Peace Webpage: <https://science4peace.com/>
 - Science4Peace Fund
 - source can be used to support scientists with a small amount
 - donations can be made online with PayPal