

Joint ICTP-SGS Princeton School on Science and Global Security

DESCRIPTION:

The Princeton School on Science and Global Security invites applications from next-generation scientists and engineers interested in technical and policy perspectives on understanding, reducing, and ending the threats created by nuclear weapons and emerging technologies.

MORE INFORMATION:

The School includes talks by leading disarmament scientists and global security policy experts. It provides skills and insights for participants for their research, encourages investigation of new ideas for a safer, more peaceful, and just world, and fosters a broader research community. Organized by the Princeton Program on Science and Global Security (SGS), the School is being held together with ICTP for the first time.

All participants must give a technical talk on issues related to nuclear weapons or emerging technologies in the context of global security and disarmament. Applicants should be graduate students, post-doctoral researchers, or junior faculty in natural or applied sciences, engineering, or mathematics. Applicants of every gender, race, ethnicity, national origin, religion, sexual orientation, disability status, and socioeconomic status are encouraged. SGS will notify successful applicants by May 2026.

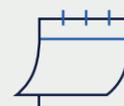
TOPICS:

- Nuclear weapon effects, impacts of nuclear testing and nuclear war
- Emerging technologies (quantum computing, space-based systems, artificial intelligence, and robotics) impacts on nuclear weapon risks and global security
- Nuclear weapons, reactors, and military activities in space
- Missiles, hypersonics, drones, and missile defenses
- Verification of nuclear warheads, delivery systems, and nuclear weapon programs
- Nuclear archeology, forensics, monitoring and safeguarding of fissile materials
- Safety and monitoring of nuclear reactors and nuclear weapon facilities

SPEAKERS:

Frank von Hippel
Princeton, USA
Stewart Prager
Princeton, USA
Igor Moric
Princeton, USA
David Wright
MIT, USA

Sébastien Philippe
University of Wisconsin, USA
Sharon Weiner
American University, USA
Moritz Kütt
Hamburg University, Germany



27 - 31 July 2026



ICTP, Trieste



**Deadline:
17 April 2026**

DIRECTORS:

A. Glaser, Princeton University, USA
R. Manzuk, Princeton University, USA
Z. Mian, Princeton University, USA

LOCAL ORGANIZER:

R. Kaiser, ICTP, Italy

FURTHER INFORMATION:

E-mail: smr4311@ictp.it

Web: <https://indico.ictp.it/event/11299/>



GRANTS:

Cost of travel, visa, accommodation, and meals are covered by the organizers for participants. There is no registration fee.

