

Computer security in the nuclear world

Securing the future

11-15 MAY 2026

Vienna, Austria



Background

The safe and secure use of nuclear and other radioactive material, along with the operation of nuclear facilities and management of associated facilities and activities, rely heavily on information and computer systems. Additionally, these systems are crucial for the detection and recovery of materials outside of regulatory control.

The rapid pace of digital innovation and the growing reliance on computer-based systems in all areas of operations, including instrumentation and control systems for nuclear security and safety, highlight the need to discuss vulnerabilities. It is also essential to address the risk of cyber-attacks, theft and/or manipulation of sensitive information and computer-based systems.

Since the first International Conference on Computer Security in the Nuclear World, held in 2015, awareness of the growing threat of cyber-attacks and their potential impact on nuclear security has increased. The IAEA has also developed detailed nuclear security guidance to assist countries in their national efforts to establish computer security as an integral element of nuclear security. Considering the evolving nature of computer security, the IAEA organized the second International Conference on Computer Security in the Nuclear World: Security for Safety in June 2023 that emphasized the large scope of computer security for nuclear activities, including safety.

To build on the previous two conferences, the IAEA is now organizing the third International Conference on Computer Security in the Nuclear World: Securing the Future which will be held at the IAEA's Headquarters in Vienna, Austria, from 11 to 15 May 2026.

Purpose and objectives

The purpose of the conference is to provide a global forum for competent authorities, operators, system and security integrators, vendors and other relevant entities engaged in computer security activities related to nuclear security or safety to share experiences, exchange information and foster international cooperation in computer security.

Main topics

Contributions are invited on the following themes:

- Computer security's place in the nuclear sector and beyond
- Regulatory frameworks
- Capacity and competency management for computer security and sustainability
- Threats and risks
- Computer security by design
- Computer security impact of new digital technologies

Language

The working language of the conference will be English.

Audience

The conference is open to a broad range of experts and organizations from Member States, encompassing regulators, research institutions, security, law enforcement and other entities involved in computer security for nuclear security within their respective countries. Additionally, nuclear operators, including facilities operators, transport operators and owners of nuclear material and other radioactive material, are also invited to participate. The conference welcomes international, regional and non-governmental organizations, as well as relevant industry or technology organizations, institutes and companies. Furthermore, individuals and organizations from countries embarking on nuclear power are also encouraged to attend.

The IAEA particularly encourages the participation of women, early career professionals and individuals from developing countries to ensure a diverse and inclusive representation.

Key deadlines

30 September 2025	Submission of abstracts through IAEA-INDICO
15 October 2025	Submission of Form B (together with Form A) through the InTouch+ platform
	Submission of Form C (together with Form A) through the InTouch+ platform
17 October 2025	Notification of acceptance of abstracts for oral or poster presentation
1 March 2026	Electronic submission of full papers through IAEA-INDICO
27 March 2026	Notification of review of full papers
17 April 2026	Deadline for submission of revised full papers submitted through IAEA-INDICO
No deadline	Submission of Form A only (no paper submission, no grant request) through the InTouch+ platform

Registration

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the conference. The IAEA has, however, limited funds at its disposal to help cover the cost of attendance of certain participants.

IAEA contacts

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Please visit the IAEA conference [website](#) regularly for new information regarding this conference.

Please include reference number IAEA-CN-342 in all communications.

