

International Conference on

Computer Security in the Nuclear World

Security for Safety



IAEA

International Atomic Energy Agency

19-23 June 2023
Vienna, Austria

Background

The IAEA will convene an international conference during the week of 19 to 23 June 2023 to provide Member States with a forum to discuss the evolving nature of computer security in the nuclear field, including the mitigation capabilities and related tools, as the vulnerability to the theft and/or manipulation of sensitive information and computer systems to cyber-attacks is widely recognized.

Objectives

The conference will provide a place for competent authorities, operators, system and security integrators and vendors, and other relevant entities engaged in computer security activities related to nuclear security or safety to exchange information and foster international cooperation in computer security as an integral element of nuclear security and safety through:

- presentations and discussion on nuclear security and safety efforts to date within the area of computer security (including achievements, experience gained and lessons learned);

- review of emerging trends in computer security and areas that need to be addressed;
- consideration of possible objectives and priorities for nuclear security or safety efforts in computer security, and of how current approaches may evolve to address these and meet future challenges;
- consideration of how the IAEA and other international organizations can contribute to international cooperation in this important area.

Main topics

Consistent with the objectives, the overall themes for the conference will be:

- state-level strategy and regulatory approaches for computer security in a nuclear security regime;
- computer security programme implementation;
- computer security in supply chain management;
- practical implementation of computer security assurance activities;
- sustainability of computer security;

- human resources contribution to computer security;
- international cooperation in computer security for a nuclear security regime;
- computer security of emerging digital technologies for nuclear activities.

Audience

Similar to the 2015 International Conference on Computer Security, the intended audience of CyberCon23 includes:

- national authorities of Member States (e.g. regulatory, research, security, law enforcement and other involved in cyber security for nuclear safety and security within their State);
- nuclear operators including facilities operators, transport operators and nuclear materials or other radioactive materials owners;
- international and regional organizations and initiatives;
- relevant industry or technology organizations, institutes and companies.

Outcomes

The conference will contribute to raise awareness of the threat of cyber-attacks, and of their potential impact on nuclear security and safety, and on mitigation techniques to protect computer-based systems and facilities. It will foster international cooperation as well as bring together experts and policy-makers to promote the exchange of information and experiences in protecting against cyber-attacks. Furthermore, it will help to improve and guide future IAEA activities in the area of information and computer security consistent with the Nuclear Security Plan 2022–2025.

Abstracts submission

Abstracts must be submitted in electronic format through the IAEA browser-based file submission system INDICO available at the conference website. Additionally, Forms A and B have to be submitted as explained in the announcement on the conference webpage. Submission of synopses only (without submission of Forms A and B) will not be considered.

Registration

No registration fee is charged.

Limited funds are available to assist certain participants. Approved grants will usually cover only part of the cost of attendance. Please see the conference website for further details.

Language

The conference will be held in English.

Key deadlines

- 15 September 2022:** Submission of abstracts through IAEA-INDICO
- 15 October 2022:** Submission of Form B (with Form A) through the InTouch+ Platform
- 15 October 2022:** Submission of Form C (with Form A) through the InTouch+ Platform
- 18 November 2022:** Notification of acceptance of synopses for oral or poster presentation
- 15 December 2022:** Submission of space request for vendor's display or exhibits
- 1 March 2023:** Electronic Submission of papers through IAEA-INDICO
- No deadline:** Submission of Form A only (no paper submission, no grant request) through the InTouch+ Platform

Conference Secretariat

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Conference webpage

www.iaea.org/events/cybercon23

Please include reference number IAEA-CN-313 in all communications.

