

Key Deadlines

- 31 March 2018** Submission of Form for Submission of a Paper (Form B) and abstract (*Abstracts must be submitted through the online submission system.*)
- 27 April 2018** Submission of Grant Application Form (Form C)
- 18 May 2018** Notification of acceptance of papers
- 29 August 2018** Submission of accepted full paper (4 pages max.)

Any participant not submitting a paper should submit Participation Form A through the appropriate authority as soon as possible.

Registration

No registration fee is charged.

Language

The conference will be held in English.

Exhibition

Limited space will be available for displays/exhibits during the symposium.

Are you interested in exhibiting?

Please contact Safeguards2018@iaea.org for more information.

Conference Secretariat

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Conference Webpage/app

Detailed information on administrative matters, including registration, exhibition, paper submission and grants, is provided on the conference webpage:

<https://www.iaea.org/events/symposium-on-international-safeguards-2018>

Please include reference number IAEA-CN-267 in all communications.



CN-267

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IAEA

International Atomic Energy Agency

Building Future
Safeguards
Capabilities

SYMPOSIUM
ON INTERNATIONAL SAFEGUARDS

5–8 November 2018

Vienna International Centre

iaea.org/events

Background

The IAEA holds a Symposium on International Safeguards every four years in order to engage the broader safeguards community in addressing challenges and seizing opportunities to strengthen the effectiveness of safeguards implementation.

The 2018 symposium's theme is '*Building Future Safeguards Capabilities*'. It will look ahead to emerging technologies and innovative approaches with potential for strengthening and streamlining the implementation of safeguards and explore partnerships and mechanisms of relevance going forward.

Objectives

The objectives of the symposium are to:

- **Innovate** — by generating new ideas on methods and technologies to substantially improve the IAEA's technical capabilities and achieve efficiencies in the way it works
- **Partner** — by mobilizing partnerships to further explore new ideas, bring innovation into the work of the Department of Safeguards, and support long term safeguards research and development needs; and
- **Improve** — by engaging the safeguards community in sharing experiences, building capabilities, and finding ways to streamline, simplify and improve the implementation of safeguards in the field and at headquarters.

Structure

The symposium will be outcome oriented and focused on a limited set of topics, looking forward and seeking innovation to address challenges and seize opportunities. The programme will feature opening and closing plenary sessions and several topical interactive sessions addressing four themes.

Three special events are also planned: a 'Leading Women of Safeguards' panel discussing gender balance; a safeguards networking and recruitment event 'Working at the IAEA'; and a workshop and visit to the Safeguards Analytical Laboratories in Seibersdorf.

Sessions will be designed to facilitate interaction among the participants, with short presentations by speakers and panellists, followed by facilitated discussions to stimulate dialogue; identify ideas and solutions; and collect key insights and promising opportunities for follow-up.

Themes

The symposium sessions will address four thematic areas, described below.

1. Addressing emerging safeguards challenges

The topics under this theme will look at a selected set of known challenges facing the safeguards community in the near term, including the potential impact on safeguards of advances and developments such as additive manufacturing, distributed supply chains, and transnational flows of goods and information.

2. Leveraging technological advancements for safeguards application

Topics include safeguards applications of advances in: artificial intelligence; analysis, integration and visualization of multi-source data; shared ledger technology; image processing; advanced analytics; robotics and lasers.

3. Preparing for safeguards for new facilities, processes and campaigns

Topics under this theme address safeguards considerations related to selected new reactor designs which are near the stage of commercial deployment, and to nuclear new builds, as well as safeguards challenges associated with increasing decommissioning activities and disposition of spent fuel and waste.

4. Shaping the future of safeguards implementation

The sessions under this theme will seek innovation in the day-to-day implementation of safeguards, looking at new ways of working smarter, streamlining and simplifying, building capabilities, resolving challenges and creating effective cooperation. The focus will be on innovation and improvement, involving all stakeholders and partners across a broad range of safeguards activities.

Guidance on the specific topics and key questions to be addressed in each thematic area are elaborated in the online abstract submission system.



Log into the Abstract Submission System via the Symposium website.