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Conference of the Parties to the Amendment to the Convention on the Physical Protection of Nuclear Material

28 March – 1 April 2022

SIDE EVENTS

Monday, 28 March 2022

Nuclear Security Considerations for Next Generation Reactors: International Approaches

Organized by the Centre for Science and Security Studies at Kings College London

Monday, 28 March 2022, 08.30 – 09.45¹

BR-C, C Building, fourth floor with virtual component

Novel Advanced Reactors (NAR) present significant opportunities for innovation in operations, safety, security and safeguarding. However, technology developers often focus their attention on the first two of these items, particularly during early stages of design, leaving security and safeguarding until later, when concepts are already relatively firm. This will likely result in sub-optimal security and safeguarding at elevated cost.

At this hybrid (in-person with a virtual component) event, a panel of international experts will explore the key safety and security considerations for NARs and discuss how these can be successfully addressed.

The webinar has been set up on Zoom and the registration link is as below:

https://us02web.zoom.us/webinar/register/WN_Gvf4hxC5QOa3AmDK0k_DqA

SCENARIO-BASED POLICY DISCUSSION (SBPD): Effective Implementation of & Universal Adherence to A-CPPNM Obligations

Organized by the US Department of State, the US Department of Energy's National Nuclear Security Administration (NNSA) and Lawrence Livermore National Laboratory (LLNL)

Monday, 28 March 2022, 13.30 – 14.45

BR-C, C Building, fourth floor with virtual component

At the 2020 ICONS SBPD for Ministers, the scenario focused on good practices of a fictitious state party to improve their implementation of the A/CPPNM, as well as of exploring the challenges in a region where a different fictitious State no longer possessed nuclear material and is not a party to the convention. At this Side Event, a re-configured SBPD will interactively explore: 1) Implementation and ratification of CPPNM and A/CPPNM by Member States that do not possess any nuclear material; 2) International cooperation to address shared nuclear security challenges, and 3) Informing the IAEA of new laws and regulations which give effect to the A/CPPNM.

The event has been set up on WebEx and the link is as below:

<https://llnlfed.webex.com/llnlfed/j.php?MTID=m46dfef93b64648ffca28ccbb07c9d30>

¹ All timings for side events are indicated in Central European Summer Time (CEST)

Ways Non-Governmental Organizations and Civil Society Support Global and Regional Nuclear Security

Organized by the Stimson Center and the International Nuclear Security Forum

Tuesday, 29 March 2022, 08.30 – 09.45

M7, M Building, ground floor with virtual component

Civil society is essential to strengthening nuclear security and non-proliferation. This hybrid event will review the pilot edition of the Catalogue of Civil Society Activities Strengthening Nuclear Security compiled by the International Nuclear Security Forum and the Henry L. Stimson Center to examine how non-governmental organizations and civil society have contributed to nuclear security through a diverse range of projects and programs. In reflecting on these contributions, the event will then call upon a variety of experts to weigh in on how civil society-stakeholder cooperation efforts can be further improved to create a stronger, more robust global nuclear security regime.

Global Nuclear Transport Security: The A/CPPNM, Implementation & Operational Perspectives

Organized by World Nuclear Transport Institute (WNTI) and Nuclear Transport Solutions (NTS)

Tuesday, 29 March 2022, 08.30 – 09.45

BR-C, C Building, fourth floor

Convened by the World Nuclear Transport Institute (WNTI), this side-event will bring together experts from government, NGOs and industry to discuss the role and implementation of nuclear transport security under the Amended CPPNM. Secure international transport of nuclear and radiological materials is vital for the global civil nuclear industry. It is also a foundational issue within the Amended CPPNM, as the focus of the original Convention, and important for both nuclear and non-nuclear states. As technologies and threats change over time, the international community must ensure that the global transport security regime can meet current and future challenges.

Towards Universal Adherence to the Amendment to the Convention on the Physical Protection of Nuclear Material (A/CPPNM): Challenges, Success Stories and the Way Forward

Organized by the IAEA and Canada

Tuesday, 29 March 2022, 13.30 – 14.45

BR-C, C Building, fourth floor with virtual component

The threat posed by nuclear terrorism transcends borders and affects all nations. All States, whether they have nuclear material or not, have a shared responsibility to ensure that nuclear security is as strong as possible. This side event will highlight the importance of collaboration between states, NGOs and IGOs, including regional organizations, to promote the universalization of the A/CPPNM and build the cohesive network that is needed to ensure that the global security chain remains strong; and will focus on the role of such international assistance in the effective implementation and adherence to the A/CPPNM. This side event will be an opportunity to highlight success stories and to discuss challenges related to reaching universalization, including challenges related to the implementation of the Convention and its Amendment. Furthermore, it will showcase recent activities and achievements related to universal adherence to the A/CPPNM. The side event will underscore the importance of maintaining momentum towards the universalization of A/CPPNM and sharing successes on joining and implementing the CPPNM/A, while emphasizing that the global security chain remains only as strong as its weakest link.

The event has been set up on WebEx and the link is as below:

<https://iaea.webex.com/iaea/onstage/g.php?MTID=e2ff041f0e91404fb536e6e83f02d1c5e>

Wednesday, 30 March 2022

Cyber Security and Nuclear: A UK perspective prior to the publication of the Civil Nuclear Cyber Strategy

Organized by the United Kingdom

Wednesday, 30 March 2022, 08.30 – 09.45

M7, M Building, ground floor with virtual component

A presentation with UK policy and technical experts on the cyber elements of nuclear security. A preview of the UK's new Civil Nuclear Cyber Strategy, to be published shortly after the Conference.

Strengthening nuclear security outcomes

Organized by the Nuclear Threat Initiative

Wednesday, 30 March 2022, 08.30 – 09.45

BR-C, C Building, fourth floor

This intimate interactive session will be a follow-on conversation to further discuss the topics and ideas raised during the NGO session in a small group setting.

Attracting and retaining the next generation of nuclear security professionals

Organized by the United Kingdom National Nuclear Laboratory and Nuclear Transport Solutions

Wednesday, 30 March 2022, 13.30 – 14.45

BR-C, C Building, fourth floor

This side event will showcase some graduate and early career nuclear security professionals who will share their journey into the sector, experiences, and aspirations for the future.

The nuclear security domain has typically been resourced by ex-police/ex-military personnel, or time-served individuals within the nuclear industry. As such, it has not typically been available for direct early-career entry. Emerging issues such as Artificial Intelligence, novel threats, and challenges and opportunities presented by advanced nuclear technology require the sector to attract newcomers from a diverse talent pool. The session will include a Q&A panel with the individuals and industry leaders.

Thursday, 31 March 2022

Role of industry implementing the obligations in the A-CPPNM

Organized by the World Institute of Nuclear Security (WINS)

Thursday, 31 March 2022, 08.30 – 09.45

M7, M Building, ground floor

This event will focus on the nuclear industry which comprises the main custodians and stewards of nuclear material and nuclear facilities. It will: highlight the role of industry during the implementation of nuclear security programs and measures; review the status of implementation of nuclear security measures at the industry level and identify ways to improve them; present available tools to assess the implementation status of physical protection measures; and identify new ways to engage with nuclear industry and strengthen nuclear security programs. The target audience are officials, regulators, operators and other industry representatives.

The event has been set up on WebEx and the link is as below:

<https://us02web.zoom.us/meeting/register/tZclceCqrTsuH92PSyBQI3UPCPgv9tCXrPNa>

KNOW YOUR INSIDERS: INFCIRC/908 “Joint Statement on Mitigating Insider Threats”

Organized by Belgium and the United States

Thursday, 31 March 2022, 08.30 – 09.45

BR-C, C Building, fourth floor with virtual component

INFCIRC/908 “Joint Statement on Mitigating Insider Threats” seeks to “build awareness of and acknowledgement that the insider threat is credible and that they pose a serious threat to the security of nuclear and other radioactive materials.” The Joint Statement currently has 32 Member States and INTERPOL as subscribers. The KNOW YOUR INSIDERS Side Event will review the current efforts to implement commitments per the Joint Statement, feature shared experiences from France, Switzerland, and Japan, and preview efforts to advance the state-of-practice of insider threat mitigation for the international community.

Global Material Security – Partnering for a Better Tomorrow

Organized by United States Department of Energy’s National Nuclear Security Administration (NNSA), Office of Global Material Security (GMS)

Thursday, 31 March 2022, 13.30 – 14.45

BR-C, C Building, fourth floor with virtual component

This side event hosted by DOE/NNSA’s Office of Global Material Security will showcase programmatic efforts that strengthen A/CPPNM implementation in the face of a growing demand for nuclear energy and nuclear applications. The event will include a panel discussion with GMS partners as well as interactive component with audience participation.

Friday, 1 April 2022

Leadership in nuclear security: Women supporting the CPPNM/A

Organized by Argentina

Friday, 1 April 2022, 13.30 – 14.45

BR-C, C Building, fourth floor

Women who function as main or alternate national points of contacts to the Convention on the Physical Protection of Nuclear Materials and its Amendment, or who provide support to those who perform these roles, will share experiences and exchange views on its implementation.

This event will be aimed at discussing how to achieve a gender balance, promoting the participation of women in leadership roles in nuclear security and encouraging countries to appoint women in key positions related to international instruments. It is expected that this gathering will lay the foundations of a network of women in nuclear security.