

Side Events Organized by Member States and the IAEA at the International Conference on Nuclear Security: Sustaining and Strengthening Efforts

10-14 February 2020

Monday, 10 February 2020

10 years of Joint ICTP-IAEA International School on Nuclear Security in Trieste: Achievements and Perspectives

Organized by Italy in cooperation with the IAEA

Monday, 10 February 2020, 13.00 – 14.00

Conference Room M6, M Building, ground floor

The event will take stock of the School's 10 years' experience and impact on nuclear security and careers, highlighting the role of international vs. regional Schools and how curricula have changed. Beverages and finger food will be served after the side event.

2019 International Symposium on Transport Security of Nuclear and Radiological Material in Japan

Organized by Japan/Japan Atomic Energy Agency and the US Department of Energy

Monday, 10 February 2020, 13.00 – 14.00

ESPACE M1, M Building, first floor

This side event will discuss the outcomes of 2019 International Symposium on Transport Security in Japan and highlight the forward momentum for the strengthening transport security.

Stories from the Member States

Organized by the IAEA

Monday, 10 February 2020, 13.00 – 14.00

Conference Room M5, M Building, ground floor

This event will promote key divisional messages while highlighting stories from the Member States.

Towards a Stronger Global Legal Framework for Nuclear Security

Organized by the IAEA

Monday, 10 February 2020, 16.00 – 17.00

ESPACE M1, M Building, first floor

The Side Event will be opened by Director General Rafael Mariano Grossi and presents an opportunity for participating Ministers to discuss the importance of a strong international legal framework for nuclear security. The discussion will focus particularly on the global, regional and national benefits of universal adherence to the Convention on the Physical Protection of Nuclear Material (CPPNM) as amended, as well as on efforts to achieve this goal.

The Convention as amended makes it legally binding for States Parties to protect nuclear facilities and material in peaceful domestic use, storage as well as during transport. It also provides for cooperation between and among States regarding measures to locate and recover stolen or smuggled nuclear material, mitigate any radiological consequences of sabotage, and prevent and combat related offences. The Convention remains the only international legally binding undertaking in the area of physical protection of nuclear material and, with its 2005 Amendment, of nuclear facilities.

Tuesday, 11 February 2020

IEC Lunchtime Tours

Organized by the IAEA

Tuesday - Thursday, 11-13 February 2020, Lunchtime

Information Desk, M Building, ground floor

Participants will visit the operational area of the IEC and will get acquainted with the role of the IAEA in responding to nuclear or radiological emergencies, irrespective of the cause. Participants will be informed about the IAEA's internal arrangements for response to complex emergencies where both aspects of nuclear safety and nuclear security are considered. Past relevant cases and aspects from exercises with Member States will be presented. Sign-up for IEC Tours will be available at the Information Desk in the M Building.

Computer Security Concerns for Radioactive Materials and Associated Facilities

Organized by the IAEA and the Austrian Institute of Technology GmbH (AIT)

Tuesday, 11 February 2020, 13.15 – 14.15

Cyber Village - Conference Room M4, M Building, ground floor

This side event will highlight through a live demonstration the importance of computer security for the security of radioactive material at facilities, such as hospitals and industrial sites.

EU Contribution to Promoting Standards and Improving RN Technologies & Processes in Nuclear Security

Organized by the European Commission

Tuesday, 11 February 2020, 13.15 – 14.15

Conference Room M5, M Building, ground floor

Session on the current challenges and future prospects regarding testing, evaluation and supporting standardization of RN equipment; presentation of specific EU-related initiatives and projects. Beverages and finger food will be served after the side event.

Insider Threat Mitigation and the Way Ahead for International Cooperation

Organized by the USA: National Nuclear Security Administration (NNSA), USA: Department of Energy (DOE) and Belgium: Federal Agency for Nuclear Control (FANC)

Tuesday, 11 February 2020, 13.15 – 14.15

Conference Room M6, M Building, ground floor

This side event will review the outcomes of the Insider Threat Mitigation Symposium held in March 2019 by showcasing the six key themes and presenting the terms of reference of the Advancing Insider Threat Mitigation (INFCIRC 908) Working Group.

Improving Radiological Source Security

Organized by Finland

Tuesday, 11 February 2020, 13.15 – 14.15

Conference Room M7, M Building, ground floor

This side event will consist of a presentation of the database on implementation of international guidance on radiological source security, to be followed by a discussion of national experiences and the IAEA's role in improving radiological source security.

The UK's National Nuclear Security Regime: Ensuring Security At Home And Overseas

Organized by the United Kingdom

Tuesday, 11 February 2020, 13.15 – 14.15

Press Room, M Building, ground floor

This event will showcase how Government departments, agencies and public organizations across the UK work together to ensure a robust and effective national nuclear security regime.

Strengthening the Security of High Activity Sealed Radioactive Sources (HASS): Success Stories

Organized by France, USA and Germany

Tuesday, 11 February 2020, 13.15 – 14.15

Conference Room M2, M Building, first floor

Participating Member States will be invited to present recent or ongoing activities or policies developed to improve the security of HASS or use non-HASS technologies. Beverages and finger food will be served after the start of the side event.

Radiological Crime Scene Management Demonstration

Organized by the IAEA

Tuesday, 11 February 2020, 13.15 – 14.15

ESPACE M1, M Building, first floor

This side event will consist of the exploitation of a typical crime scene containing radiological hazards by a specialist team from Hungary.

The Contribution of the Terrorism Prevention Branch of UNODC to the Prevention of Nuclear Terrorism

Organized by the United Nations Office on Drugs and Crime (UNODC) in co-operation with Canada and the European Union

Tuesday, 11 February 2020, 13.15 – 14.15

Conference Room M3, M Building, first floor

26. The event will feature the longstanding work of UNODC in this area, in particular on ICSANT, CPPNM and ACPPNM, and will feature its model legislation, e-learning and other tools, as well as past and upcoming activities, and the testimony of Member States and other key partners. Beverages and finger food will be served before the start of the side event.

Women in Nuclear Security

Organized by the IAEA

Tuesday, 11 February 2020, 13.30 – 14.30

Board Room A, M Building, second floor

This side event, which coincides with the international Day of Women and Girls in Science, aims to celebrate and highlight women's contributions in the field of Nuclear Security. It will feature a panel of one moderator and four speakers and will focus on personal experiences as female leaders and scientists; on women's contributions in the area of nuclear security; and on ways to encourage gender diversity in this field and cultivate the next generation of women in nuclear security.

Essay Competition Award Ceremony & NuSec Talks: 2020 and Beyond

Organized by the IAEA

Tuesday, 11 February 2020, 19.00 – 20.30

Board Room A, M Building, second floor

NuSec Talks will be presented by subject matter experts and thought leaders to spread new ideas, spark conversations and promote innovative leadership for the issues confronting the nuclear security community in 2020 and beyond.

This event will also recognise the finalists of the Essay Competition for Students and Early Career Professionals.

Wednesday, 12 February 2020

MORC - Computer Security Awareness Building

Organized by the IAEA

Thursday, 13 February 2020, 12.45 – 13.45

Cyber Village - Conference Room M4, M Building, ground floor

This event will offer a demonstration of computer security concerns to inspection devices for materials that are outside regulatory compliance to raise awareness of the need for computer security.

Women in Nuclear Security Roundtable

Organized by Morocco and the University of Ibn Tofail

Wednesday, 12 February 2020, 12.45 – 13.45

Conference Room M5, M Building, ground floor

The representation of women in nuclear security is low and even lower in leadership positions. Seven women experts in nuclear security from different parts of the world have been invited to discuss this topic. These women hold leadership positions in their institutions and make significant contributions to nuclear security nationally and globally. This side event will be a great opportunity for sharing, learning and networking, empowering the participants with new ideas to move forward.

Lessons Learned from Organizing and Hosting the 2019 Global Initiative to Combat Nuclear Terrorism (GICNT) Nuclear Detection at Blue and Green Borders Exercise in Morocco

Organized by the Global Initiative to Combat Nuclear Terrorism (GICNT)

Wednesday, 12 February 2020, 12.45 – 13.45

Conference Room M6, M Building, ground floor

On 3-5 December 2019, the Kingdom of Morocco hosted the GICNT Nuclear Detection at Blue and Green Borders Workshop and Tabletop Exercise with support from the U.N. Office of Counter-Terrorism. The workshop and tabletop exercise addressed the underlying challenges and best practices for countering illicit trafficking of nuclear and radioactive material at unofficial blue (sea) and green (land) borders. This side event will highlight and share key outcomes, lessons learned and next steps from this exercise. In addition, copies of the exercise manual and outcomes document will be provided to participants for national use.

The Role of Law Enforcement in Nuclear Security: International Perspectives

Organized by the International Criminal Police Organization (INTERPOL)

Wednesday, 12 February 2020, 12.45 – 13.45

Conference Room M7, M Building, ground floor

This event will explore law enforcement's role in addressing criminal and terrorist threats to nuclear security, focusing on how information sharing and analysis supports investigations.

Sustaining a Nuclear Security Regime: Best Practices for National-Level Leaders and Policy Makers

Organized by the United States of America

Wednesday, 12 February 2020, 12.45 – 13.45

M1 Exhibition Area, M Building, first floor

This event will focus on Implementing Guide 30-G for national level leaders and policy makers. Participants will learn about implementing sustainability practices in their States. Beverages and finger food will be served during the side event.

INSserv Programme to Strengthen Nuclear Security Regime as it Relates to MORC

Organized by the IAEA

Wednesday, 12 February 2020, 12.45 – 13.45

Press Room, M Building, ground floor

This event will focus on the INSserv programme following the recent publication of the guidelines. It will consider different parts such as a presentation of the peer review mission on MORC as well as a presentation of a national approach and the benefits of this mission. It will also highlight the next steps with the organization of a dedicated workshop for candidate experts.

EU Support for Nuclear Security Worldwide: Building Strong Partnerships

Organized by the European Union in cooperation with the IAEA

Wednesday, 12 February 2020, 12.45 – 13.45

Conference Room M2, M Building, first floor

This side event will feature concrete activities and projects undertaken by the European Union and its Member States in support of strong nuclear security. It will highlight the successful partnerships that were built and will also outline the progress in the nuclear security research conducted by the European Commission Joint Research Centre to help meet current nuclear security challenges. The cooperation with partner countries within the framework of the EU CBRN CoE initiative will also be highlighted. Beverages and finger food will be served after the side event.

Looking Ahead to the 2021 CPPNM/A Review Conference: Trends in Nuclear Security that Impact the Prevailing Situation

Organized by the Fissile Material Working Group (FMWG)

Wednesday, 12 February 2020, 12.45 – 13.45

Conference Room M3, M Building, first floor

In 2021, the IAEA will convene a review conference for the amended Convention on the Physical Protection of Nuclear Material (CPPNM/A) to review the implementation and adequacy of the convention “in the light of the then prevailing situation.” This panel discussion will consider different perspectives on how the prevailing situation has changed since 2005, when the CPPNM/A was signed, and how it might change in the future. Each panellist will address different elements of the prevailing situation to identify trends that impact nuclear security. Beverages and finger food will be served before the start of the side event.

IEC Lunchtime Tours

Organized by the IAEA

Tuesday - Thursday, 11-13 February 2020, Lunchtime

Information Desk, M Building, ground floor

Participants will visit the operational area of the IEC and will get acquainted with the role of the IAEA in responding to nuclear or radiological emergencies, irrespective of the cause. Participants will be informed about the IAEA’s internal arrangements for response to complex emergencies where both aspects of nuclear safety and nuclear security are considered. Past relevant cases and aspects from exercises with Member States will be presented. Sign-up for IEC Tours will be available at the Information Desk in the M Building.

Thursday, 13 February 2020

The IAEA Assessment and Prognosis in Nuclear or Radiological Emergencies Irrespective of the Cause

Organized by the IAEA

Thursday, 13 February 2020, 8.00 – 8.45

Conference Room M6, M Building, ground floor

The presentation will focus on the IAEA’s assessment and prognosis process and the tools made available to Member States in responding to nuclear or radiological emergencies, irrespective of the cause. IEC staff will present and give a live demonstration of the assessment and prognosis tools. IEC

staff will comment on the feedback received from Member States involved in assessment and prognosis exercises. Two Member States (to be confirmed) will share their experiences on using the IAEA assessment and prognosis tools and their experience in participating in exercises on nuclear or radiological emergencies triggered by nuclear security events.

A Computer Security Attack Targeting a Hypothetical Nuclear Facility

Organized by Austrian Institute of Technology GmbH (AIT)

Wednesday, 12 February 2020, 12.45 – 13.45

Cyber Village - Conference Room M4, M Building, ground floor

This event will focus on the coordinated research project on enhancing computer security incident analysis, which has developed an Asherah Simulation test bed to develop detection techniques.

Assessing Attractiveness of Nuclear Materials and Radiological Materials for Research Reactors

Organized by Greece & NCSR Demokritos

Thursday, 13 February 2020, 12.45 – 13.45

Conference Room M5, M Building, ground floor

The organizers of this side event will present the draft methodology for comparing dissimilar events in Research Reactors and Associated Facilities (RRAF). This will be followed by a discussion with participants obtaining feedback for the approach developed during a related Coordinated Research Project (CRP J02006).

Nuclear Security Information Circulars – Turning Commitments into Action

Organized by the U.S. Department of Energy's National Nuclear Security Administration (NNSA) in coordination with the Governments of Australia, Canada, and Norway

Thursday, 13 February 2020, 12.45 – 13.45

Conference Room M6, M Building, ground floor

This side event, organized by the United States, in coordination with Australia, Canada and Norway, will highlight the ten IAEA Information Circulars that were the result of the 2016 Nuclear Security Summit Process:

- 901 - Joint Statement on Certified Training for Nuclear Security Management (Canada)
- 908 - Joint Statement on Insider Threat Mitigation (USA)
- 909 - Joint Statement on Transportation Security of Nuclear Materials (Japan)
- 910 - Joint Statement on the Security of High Activity Radioactive Sources (France)
- 912 - Joint Statement on Highly Enriched Uranium Minimization (Norway)

- 917 - Joint Statement on Forensics in Nuclear Security (Australia)
- 918 - Joint Statement on Countering Nuclear Smuggling (Jordan)

The event will showcase what the INFCIRCs are, what progress has made on implementation, how to join and how they benefit members who join.

Mainstreaming Nuclear Security

Organized by the IAEA

Thursday, 13 February 2020, 12.45 – 13.45

Conference Room M7, M Building, ground floor

This side event will consist of a roundtable with technical officers from other IAEA divisions and departments to highlight how nuclear security has been integrated into their projects. The discussion will highlight the successes of such cooperation and emphasize that mainstreaming nuclear security is essential to sustainability of benefits of nuclear science and technology.

The IAEA's Incident and Trafficking Database: Celebrating 25 years

Organized by the IAEA

Thursday, 13 February 2020, 12.45 – 13.45

Press Room, M Building, ground floor

In 2020, the IAEA's Incident and Trafficking Database (ITDB) celebrates its 25th anniversary. During this event, participants will review the past and look to the future of one of the longest standing nuclear security activities of the IAEA.

The Nuclear Forensics International Technical Working Group (ITWG): Meeting the Needs of Nuclear Security through Nuclear Forensics Science

Organized by the Nuclear Forensics International Technical Working Group (ITWG)

Thursday, 13 February 2020, 12.45 – 13.45

Conference Room M2, M Building, first floor

This event will focus on the recent accomplishments of the ITWG to include collaborative materials exercises, virtual exercises on national nuclear forensics libraries and forward strategies such as guidelines, evidence collection, technical exercises, outreach and training. Beverages and finger food will be served before the start of the side event.

Women in Nuclear Security

Organized by the Netherlands, Canada, Nuclear Threat Initiative (NTI), World Institute for Nuclear Security (WINS), World Nuclear Association

Thursday, 13 February 2020, 12.45 – 13.45

ESPACE M1, M Building, first floor

This event will highlight the role of women in nuclear security through a presentation of outcomes from the WINS Roundtable on Gender and Nuclear Security and a collection of female profiles from NTI's Humans of Nuclear Security project. The World Nuclear Association will also participate. Beverages and finger food will be served before the start of the side event.

IEC Lunchtime Tours

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Faces of Nuclear Security – The Nexus Between Security and Peaceful Uses

Organized by the US Department of Energy's National Nuclear Security Administration (NNSA), the Netherlands and the Government of Nigeria

Thursday, 13 February 2020, 17. 30 – 18.30

ESPACE M1, M Building, first floor

This side event will highlight the human face of security and showcase positive examples of the interface between security and peaceful uses. The event will present 4-5 stories that exemplify a mutually beneficial relationship between the security community and sustainable development (human health, food security, climate change, among others). The side event will use a multimedia format (video, audio and photos) and encourage audience participation. Beverages and finger food will be served before the start of the side event.