Panel Discussion 1
Strengthening Nuclear Terrorism Countermeasures

The International Forum on Peaceful Use of Nuclear Energy, Nuclear Non-Proliferation and Nuclear Security

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Panelists

Moderator:
• Mr. Masato Hori (Deputy Director, ISCN/JAEA)

Panelists:
• Mr. Kamel Abbas, Project Leader, Department of Nuclear Security and Safeguards, Directorate Nuclear Safety and Security, EC/JRC
• Mr. Masaaki Iwaki, Adviser, Teikoku Sen-i Co., Ltd, Major General (Ret.), former Commandant of the Ground Self-Defense Force (JGSDF) Chemical School
• Mr. Joel Rynes, Assistant Director and Lead Technical Authority, Transformational and Applied Research, Domestic Nuclear Detection Office, DHS
• Mr. Nigel Tottie, Senior Nuclear Security Officer, Department of Nuclear Safety and Security, IAEA
Outline of Panel Discussion 1 (1/3)

**Topic 1:**

Strengthening nuclear security in case of large-scale public events

- Threat of CBRNE terrorism
- Countermeasures experience in past large events
- IAEA’s Nuclear Security Series No. 18
Outline of Panel Discussion 1 (2/3)

Topic 2:
Areas of technical development

- Technological measures for prevention, detection and response to nuclear and radiological security event
- Challenges for prevention of CBRNE and nuclear detection and nuclear forensics R&D
Outline of Panel Discussion 1 (3/3)

Topic 3:
Facilitate international cooperation and cooperation among government, private company, research institute, university in strengthening nuclear security measures

- Role of government, private company, research institute, university
- Strengthen cooperation among relevant organizations
- Expected role of JAEA
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Topic 2: Areas of technical development

• Technological measures for prevention, detection and response to nuclear and radiological security event

• Challenges and needs for R&D in nuclear and radiological security event
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Summary