



# Panel Discussion 1

## **Strengthening Nuclear Terrorism Countermeasures**

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

**7<sup>th</sup> December, 2017  
Jiji Press Hall, Tokyo Japan**

# 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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# Summary