



Webinar on Practical Experiences of Equipment and Procedures for Major Public Events

Organized jointly by

The IAEA Division of Nuclear Security

**and the China Atomic Energy Authority, an IAEA Collaborating Centre for Nuclear
Security Technologies**

Thursday, 23 September 2021

Scheduled at: 9:00 – 11:00, Vienna (Austria) Time

Information Sheet

Introduction

A Major Public Event (MPE) is a national or international event, classified by a State as ‘major’ and requiring the implementation of a security plan. An MPE is characterized by the presence of a large number of people, for example a political summit, a religious gathering or a sporting contest. Such events present complex security challenges for a host State and have nuclear security implications.

MPEs draw great public interest and can receive intense media attention. This makes the events attractive venues for demonstrations, protests or even violence. One particular area of concern relates to organizations or individuals that might wish to use these events to stage criminal acts or acts of terrorism.

Levels of security and surveillance at MPEs have steadily increased in recent years, primarily to protect the public from the threat of criminal or terrorist acts by deterring such acts through an increased presence of visible security and law enforcement personnel, and the implementation of strong monitoring procedures (i.e., metal detectors, x-ray scanners, explosives detectors). In this context, nuclear security systems and measures need to be applied at MPEs and integrated into the overall security plan of the organizers.

This webinar is co-organized by the IAEA Division of Nuclear Security and the China Institute of Atomic Energy (CIAE), an IAEA Collaborating Centre for Nuclear Security Technologies (2019-2023). It will provide an overview of radiation detection instruments and nuclear security procedures for MPEs.

The China Institute of Atomic Energy (CIAE) has conducted research and developed radiation detection technology equipment for nuclear security purposes. The radiation detection instruments have been successfully applied to support the implementation of nuclear security measures for various MPEs held in China, for example the 2008 Olympic Games in Beijing.

Objectives

This webinar will highlight China’s experience in implemented nuclear security measures for MPEs and introduce an overview of application, best practices and the existing limitations of radiation detection equipment used for nuclear security purposes at MPEs.

Target Audience

This webinar is aimed at those working at national policy, strategic and planning or decision-making level, senior level nuclear regulators, command level representatives of law enforcement agencies and/or military, organizations involved in emergency preparedness and response, and other support organizations involved in the national nuclear security regime. The webinar is open to officials and nuclear security professionals from the above-mentioned organizations in Member States.

Working Language(s)

English

Registration

Please register for the webinar using this link <https://iaea.webex.com/iaea/onstage/g.php?MTID=ee5c8d6a70d6ccaec02adcab66ce7489>
Register not later than **22 September 2021**.

After the registration and acceptance of your participation, you will receive an electronic mail containing information on how to access the webinar by following a hyperlink to join the WebEx meeting or by calling in by phone.

You can test your ability to connect to a WebEx meeting at the following link: <https://www.webex.com/test-meeting.html#>. Please contact your IT department if the test fails.

For additional help regarding registration, please contact Ms Elena Paladi, Division of Nuclear Security (Email: e.paladi@iaea.org)

Webinar Agenda

Introduction

- **Objectives and overview of the webinar**
- **Introduction of the subject matter experts**
 - Ms Elena Buglova, *Director, Division of Nuclear Security, IAEA*
 - Mr Guobao Wang, *Deputy Chief Engineer of CIAE and Chief Specialist of CNNC*

Concept of operations at MPEs

Mr Nigel Tottie, *Unit Head, Institutional Response Infrastructure, Materials Out of Regulatory Control Section, Division of Nuclear Security, IAEA*

Overview of radiation detection equipment for nuclear security in China

Ms Caixia Liu, *Director/Professor, Testing Department, The Third Research Institute of the Ministry of Public Security, China*

Management practice of nuclear security for MPEs in China

Mr Zhibo Zhou, *Associated Professor, State Nuclear Security Technology Center, China*

Customs support for strengthening nuclear security for MPEs

Mr Yongming Hou, *Senior Engineer, Chinese Academy of Customs Administration, China*

Practical procedures for pre-event surveys for MPEs

Mr Yong Li, *Professor, China Institute of Atomic Energy, China*

New tools for enhancing nuclear security at MPEs

Mr Charles Massey, *Nuclear Security Officer, Nuclear Security of Materials Out of Regulatory Control Section, Division of Nuclear Security, IAEA*

Q&A and Conclusion

Closing Remarks

Mr Nigel Tottie, *Unit Head, Institutional Response Infrastructure, Materials Out of Regulatory Control Section, Division of Nuclear Security, IAEA*