



Webinar on Physical Protection Measures and Systems

**Organized by the
IAEA Division of Nuclear Security**

Friday, 29 October 2021

Scheduled at: 13:00, Vienna (Austria) Time

Duration: 1 hour

Information Sheet

Introduction

The physical protection of nuclear material and nuclear facilities is a major part of the national nuclear security regime for those States that have such material and facilities. A physical protection system (PPS)¹ includes interior and exterior intrusion detection sensors, cameras for assessment, delay measures, access control devices and response measures.

Within the framework of a series of webinars highlighting the relevant IAEA Nuclear Security Series (NSS) publications that assist States in the technical implementation of the [Convention on the Physical Protection of Nuclear Material \(CPPNM\) and its 2005 Amendment](#), this webinar will focus specifically on [NSS No. 40-T Handbook on the Design of Physical Protection Systems for Nuclear Material and Nuclear Facilities](#), published in 2021.

NSS No. 40-T provides comprehensive detailed guidance for States, competent authorities and operators on how to implement the recommendations and implementing guidance of existing NSS publications for an effective PPS for nuclear facilities and nuclear materials in use and storage. It provides further technical detail on how to design and evaluate a PPS, with respect to the selection and integration of appropriate, effective physical protection measures (including equipment).

Objectives

This webinar will provide an overview of the application of PPS and equipment in nuclear security, with an emphasis on [NSS No. 13 Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities \(INFCIRC/225/Revision 5\)](#) and NSS No. 40-T.

Target Audience

The webinar is intended primarily for decision-makers and/or senior staff from national regulatory bodies, and/or other organizations and institutions that are responsible for nuclear security, or that would be called upon to respond to a security event involving nuclear or other radioactive material, such as the military, police, border control, customs and other emergency response organizations.

Working Language(s)

English

Registration

Please register for the webinar using [this link](#) not later than **28 October 2021**.

¹ A Physical Protection System (PPS) is defined as “An integrated set of *physical protection measures* intended to prevent the completion of a *malicious act*”, IAEA Nuclear Security Series, No. 13 Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities (INFCIRC/225/Revision 5).

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 Mr Garl Bultz, Division of Nuclear Security (g.bultz@iaea.org).

Webinar Programme

Opening Remarks

Ms Elena Buglova, *Director, Division of Nuclear Security, IAEA*

Mr Muhammad Khaliq, *Section Head, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*

Overview of the IAEA's Nuclear Security Series Guidance for Physical Protection Systems

Mr Garl Bultz, *Senior Nuclear Security Officer, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*

NSS No. 40-T Handbook on the Design of Physical Protection Systems

Mr Garl Bultz, *Senior Nuclear Security Officer, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*

New Technical Guidance on Evaluation of Physical Protection Systems at Nuclear Facilities

Mr Garl Bultz, *Senior Nuclear Security Officer, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*

IAEA's Assistance to States in Implementing and Strengthening Physical Protection Systems at Nuclear Facilities

Mr Michael Clarke, *Nuclear Security Officer, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*

Training Activities Related to Physical Protection Systems for Nuclear Materials and Nuclear Facilities

Mr Garl Bultz, *Senior Nuclear Security Officer, Nuclear Materials and Facilities Section, Division of Nuclear Security, IAEA*