



**Webinar on
IAEA Nuclear Security Series No. 2-G:
Implementing Guide on Nuclear Forensics in
Support of Investigations (French)**

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

Wednesday, 17 November 2021

Scheduled at 14:00 (Austria Time)

Duration: 1 hour

Information Sheet

Introduction

Nuclear and other radioactive material is prevalent throughout the nuclear fuel cycle; it is also widely used in other industries and in research, and other technical and scientific applications. It is a State's responsibility to implement a nuclear security infrastructure to protect these materials, including measures designed to identify, prevent, detect and respond to nuclear security events. When nuclear and other radioactive material is detected out of regulatory control, States should be prepared to respond appropriately, including applying nuclear forensics in support of investigations.

Nuclear forensics involves a comprehensive plan undertaken by States to determine the origin and history of nuclear and other radioactive material in support of law enforcement or nuclear security investigations. The IAEA Nuclear Security Series (NSS) No. 2-G [*Implementing Guide on Nuclear Forensics in Support of Investigations*](#), published in 2015, presents guidance on the role of nuclear forensics in the context of investigating a spectrum of possible nuclear security events involving nuclear and other radioactive material out of regulatory control. It is designed to provide descriptions of nuclear forensic examinations; the role of nuclear forensics in a national nuclear security infrastructure, including investigation of a nuclear security event; and mechanisms for international cooperation and assistance in nuclear forensics.

Objectives

The objectives of this webinar are to:

- Introduce an overview of the publication NSS No. 2-G *Implementing Guide Nuclear Forensics in Support of Investigations*;
- Enhance participants' awareness and understanding of the scope and application of nuclear forensics and its respective role in the context of a nuclear security event involving nuclear and other radioactive material found out of regulatory control;
- Raise awareness on the IAEA program of assistance for nuclear forensics capacity building.

Target Audience

This webinar is aimed at organizations involved in the national nuclear security regime; officials and professionals involved in national policy, strategic planning and/or decision making; those tasked with raising awareness of nuclear forensics and/or radiological crime scene management; and those responsible for organizing and sustaining capabilities for nuclear forensics analysis and interpretation in the context of a nuclear security infrastructure.

Working Language

The webinar will be conducted in French.

Registration

Please register for the webinar using [this link](#) not later than **16 November 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 Mr Henrik Horne, Division of Nuclear Security (Email: H.horne@iaea.org).

Webinar Program

Opening Remarks and Introduction

Ms Eva Kovacs-Szeles, *Unit Head of the Crime Scene Management and Nuclear Forensics Unit, Division of Nuclear Security, IAEA*

IAEA Published Guidance on Nuclear Forensics in Support of Investigations

Dr Jean Galy, *Joint Research Centre in Karlsruhe, European Commission*

IAEA Program of Assistance for Nuclear Forensics Capacity Building

Ms Oum Keltoum Hakam, *Education Officer, Division of Nuclear Security, IAEA*

Q & A and Conclusions

Subject matter expert

Dr Jean Galy, Joint Research Centre in Karlsruhe, European Commission

Dr Jean Galy has a PhD in reactor physics (cooperation between the CEA France at the University of Marseille and the University of Uppsala, Sweden). He joined the Joint Research Centre of the European Commission in Karlsruhe in 2000. As an expert in nuclear data, he has worked on the update and new edition of the Karlsruhe Nuclear Chart of Nuclides and took part in experiments on nuclear photo reactions with the use of high intensity lasers. Over the last 15 years, Jean has worked for the Nuclear Safeguards and Forensics Unit in which he's in charge of numerous projects on combatting illicit trafficking of nuclear and radioactive material and against nuclear terrorism, with focus on nuclear detection for front line officers and nuclear forensics. Additionally, he is the coordinator of the European Nuclear Security Training Centre (EUSECTRA).