



Technical Meeting on Nuclear Forensics: Beyond the Science

**IAEA Headquarters
Vienna, Austria**

1– 4 April 2019

Ref. No.: EVT1801877

Information Sheet

A. Introduction

The IAEA Division of Nuclear Security will convene a Technical Meeting on Nuclear Forensics from 1 to 4 April 2019, at the IAEA Headquarters in Vienna. This meeting will focus on the implementation of nuclear forensics in response to nuclear security events involving nuclear and other radioactive material out of regulatory control. With attention to human capacity building and the utilization of existing technical capabilities, the meeting will feature shared experiences in the development and sustainability of nuclear forensics as well as the conduct of a nuclear forensic examination. The meeting seeks to highlight the current state of practice, capabilities and technical assistance in nuclear forensics in the context of national laws and international legal instruments related to nuclear security. Emphasis will be given to advances in nuclear forensics applied to their use in legal proceedings to include confidence in findings.

B. Objectives

The objective of the technical meeting is to provide a forum for IAEA Member States that are considering or are currently establishing nuclear forensic capabilities to focus on the application of nuclear forensic science in responding to incidents involving nuclear and other radioactive materials out of regulatory control. The meeting includes links to the theme of radiological crime scene management in the context of national laws and international legal instruments.

The meeting will also address recent statements of General Conference Resolutions supporting the further development of nuclear forensics among Member States, and will incorporate the outcomes of the 2014 IAEA International Conference on Nuclear Forensics. Accordingly, the conclusions from the 2019 meeting will inform the next ministerial-level IAEA International Conference on Nuclear Security, which will take place in 2020.

An IAEA TECDOC will be published with the findings from the meeting. It will include extended abstracts, summary reports of each technical session, as well as a roadmap of the subsequent IAEA programme of assistance to States in nuclear forensics.

C. Target Audience

Participants in the Technical Meeting will comprise nuclear and forensic scientists, nuclear security event responders, law enforcement officials, prosecutors, nuclear regulators, nuclear security specialists and those supporting the development and implementation of a country's national response plan for nuclear security events. The nominated participants should have responsibility for planning, developing or implementing their respective country's national response plans, including nuclear forensics, or be in a position to develop and sustain nuclear forensic capabilities within their respective organizations.

The IAEA welcomes and encourages the participation of women and persons from developing countries.

D. Working Language(s)

English

E. Structure

The Technical Meeting programme will consist of an opening session, plenary sessions, technical sessions, poster presentations, interactive content sessions, and a closing session. The opening session will include welcoming addresses by representatives of the IAEA and cooperating organizations. The plenary sessions will include a combination of invited keynote presentations and contributed presentations addressing the main themes of the meeting. Each technical session will include selected presentations and/or panel discussions delivered by participants and based on the extended abstracts submitted. The meeting will also include poster and interactive content sessions, with sufficient time for face-to-face discussions and interaction with colleagues. The final plenary session will be dedicated to technical and scientific findings and investigative conclusions that inform future IAEA planning.

The agenda will be structured with a balance of invited Member States' presentations, panel discussions and poster presentations.

Recognizing the importance of international collaboration in nuclear forensics, the IAEA cooperates with nuclear forensic partners, including the Nuclear Forensics International Technical Working Group (ITWG), the Global Initiative to Combat Nuclear Terrorism (GICNT) and the International Criminal Police Organization (INTERPOL), all of which are expected to take part in the meeting.

F. Topics

Consistent with the objectives set out above, the themes for the Technical Meeting are:

- Nuclear forensics capability building: initiation and sustainability
- Nuclear forensics human resource development and sustainability
- Nuclear forensics practice and experiences
- Nuclear forensic science research and development: current status and future opportunities

Individual plenary sessions will be arranged consistent with the four themes. In addition, an opening session will emphasize the role of nuclear forensics in the context of requirements from investigating authorities. The structure of the meeting programme will reflect the content of the extended abstracts received and accepted.

G. Application Procedure

Designations should be submitted using the attached **Participation Form (Form A)**. Completed requests should be endorsed by the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority), or by an organization invited to participate, and returned through the established official channels. They must be received by the IAEA not later than **1 December 2018**. Designations received after that date or applications sent directly by individuals or by private institutions cannot be considered. Designating Governments and invited organizations will be informed in due course of the names of the selected candidates and at that time full details will be given of the procedures to be followed with regard to administrative and financial matters.

H. Submission of Abstracts

The IAEA encourages participants to give presentations on the work of their respective institutions that falls under the topics listed in Section F above.

Participants who wish to give presentations are requested to submit an abstract of their work. The abstract will be reviewed as part of the selection process for presentations. The abstract should be in A4 page format, single spaced and should extend to no more than 2 pages (including figures and tables, and be accompanied by Form A. It should be sent through INDICO <https://conferences.iaea.org/indico/event/165/>, not later than **1 December 2018**. Authors will be notified of the acceptance of their proposed presentations by **31 January 2019**.

The proceedings of the Technical Meeting will include a compilation of the accepted abstracts and presentations. Authors whose proposed presentations have been accepted on the basis of the abstract should submit the full version of their presentation as a PowerPoint file two weeks prior to **1 April 2019** in order to facilitate the advance preparation of the proceedings.

I. Expenditures and Grants

No registration fee is charged to participants. The IAEA is generally not in a position to bear the travel and other costs of participants in the Technical Meeting. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Such assistance may be offered upon specific request to normally **one or more participants** per country provided that, in the IAEA's view, the participant(s) will make an important contribution to the Technical Meeting. The application for financial support should be made at the time of designating the participant(s). If Governments wish to apply for a grant on behalf of one of their experts, they should address specific requests to the IAEA to this effect. Governments should ensure that applications for grants are submitted by **1 December 2018** using the **Grant Application Form (Form C)**. Approved grants will be issued in the form of a lump sum payment that usually covers **only part of the cost of attendance**.

J. Venue

The Technical Meeting will be held in Room M3 (and side rooms) at the IAEA Headquarters in Vienna, Austria and will start on **Monday, 1 April 2019**. Participants are advised to arrive one hour prior to the convening time of the Technical Meeting to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the Vienna International Centre (VIC) premises.

The following IAEA web page can be accessed for more detailed information on Vienna and the VIC: <http://www-pub.iaea.org/iaeametings/GeneralInfo/Guide/VIC>

K. Visas

Participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria at least four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.

L. Key Dates

1 December 2018

- Submission of 2-page extended abstracts through INDICO
<https://conferences.iaea.org/indico/event/165/>
- Submission of Participation Form A through a competent national authority (see section G above)
- Submission of Grant Application Form C through a competent national authority (see Section I above)

31 January 2019

- Notification of acceptance of extended abstracts.
- Authors whose proposed presentations have been accepted on the basis of the abstract should submit the full version of their presentation as a PowerPoint file two weeks prior to 1 April 2019.

1 April 2019

Meeting begins

M. Organization

Scientific Secretary

Mr David Kenneth Smith

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Department of Nuclear Safety and Security
International Atomic Energy Agency
Vienna International Centre
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1400 VIENNA
AUSTRIA

Tel.: +43 1 2600 26248

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Email: D.Smith@iaea.org

Administrative Coordinator

Ms Nicola Vorhofer

Division of Nuclear Security
Department of Nuclear Safety and Security
International Atomic Energy Agency
Vienna International Centre
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1400 VIENNA
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Tel.: +43 1 2600 24696

Fax: +43 1 26007

Email: N.Vorhofer@iaea.org

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary/Secretaries and correspondence on other matters related to the event to the Administrative Coordinator.

Participation Form

Technical Meeting on Nuclear Forensics: Beyond the Science

IAEA Headquarters, Vienna, Austria

1–4 April 2019

To be completed by the applicant and sent to the competent official authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA), Vienna International Centre, PO Box 100, 1400 Vienna, Austria, either electronically by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Kindly send also a copy to the Scientific Secretary of the meeting, Mr David Kenneth Smith (Email: D.Smith@iaea.org), as well as to the Administrative Coordinator for the meeting, Ms Nicola Vorhofer (Email: N.Vorhofer@iaea.org).

Deadline for receipt by IAEA through official channels: 1 December 2018

Family name: (e.g. Smith)	First name(s): (e.g. John)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yy/mm/dd):	Place of birth:	
Nationality:	Passport number:	
Date/Place of issue:	Valid until:	

1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years worked	
			from	to

3. Description of work performed over the last three years:

4. Relevance of the meeting:

How do you envisage to apply the knowledge and/or experience gained from the meeting to your current work role?

5. Language ability:

The designating authority confirms that the participant is proficient in the language in which the meeting is to be held.

Yes

6. Medical Status

Both the designating authority and the applicant acknowledge that the applicant shall be solely responsible for his or her fitness to travel, as well as for any medical requirements or precautions in connection with traveling to the meeting, including vaccinations or immunizations.

Yes

Date: **Signature of applicant:** _____

Date: **Name, signature and stamp of Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority** _____



Grant Application Form

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Family name: (e.g. Smith)	First name(s): (e.g. John)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yy/mm/dd):	Nationality:	

1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years worked	
			from	to

3. Description of work performed over the last three years:

4. Institute's/Member State's programme in field of conference

Date: _____ **Signature of applicant:** _____

Date: _____ **Name, signature and stamp of Ministry of Foreign Affairs, Permanent Mission**
Mission **to the IAEA or National Atomic Energy Authority**
