



*Atoms for Peace and Development*

الوكالة الدولية للطاقة الذرية  
国际原子能机构  
International Atomic Energy Agency  
Agence internationale de l'énergie atomique  
Международное агентство по атомной энергии  
Organismo Internacional de Energía Atómica

Vienna International Centre, PO Box 100, 1400 Vienna, Austria  
Phone: (+43 1) 2600 • Fax: (+43 1) 26007  
Email: Official.Mail@iaea.org • Internet: <https://www.iaea.org>

In reply please refer to: **EVT2100091**  
Dial directly to extension: (+43 1) 2600-26248

The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **Technical Meeting on Nuclear Forensics: From National Foundations to Global Impact** (hereinafter referred to as "event") to be held at the IAEA's Headquarters in Vienna, Austria, from **11 to 14 April 2022**.

The purpose of the event is to discuss the application of nuclear forensics in the prevention and response to incidents involving nuclear and other radioactive materials out of regulatory control, as well as the application of nuclear forensics in radiological crime scene management and judicial proceedings.

The attached Information Sheet provides further details of the event.

The event will be held in English.

Member States are invited to designate one or more participants to represent the Government at this event. Member States are strongly encouraged to identify suitable women participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event. The application for financial support should be made at the time of designating the participants using the attached Grant Application Form (Form C).

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

Designations should be submitted to the IAEA through the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) not later than **31 December 2021** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Copies should be sent by email to the Scientific Secretary of the event, Ms Eva Kovacs-Szeles, Division of Nuclear Security, Department of Nuclear Safety and Security (Email: [E.Szeles@iaea.org](mailto:E.Szeles@iaea.org)), and to the Administrative Secretary, Ms Nicola Vorhofer (Email: [N.Vorhofer@iaea.org](mailto:N.Vorhofer@iaea.org)). The Scientific Secretary of the event will liaise with the participants directly concerning further arrangements, including travel details, as appropriate, once official designations have been received.

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the IAEA's Member States the assurances of its highest consideration.



2021-08-17

Enclosures: Information Sheet  
Participation Form (Form A)  
Grant Application Form (Form C)



# **Technical Meeting on Nuclear Forensics: From National Foundations to Global Impact**

**IAEA Headquarters  
Vienna, Austria**

**11 - 14 April 2022**

**Ref. No.: EVT210091**

## **Information Sheet**

### **Introduction**

The Technical Meeting on Nuclear Forensics will build on the outcomes of the prior IAEA Technical Meeting on Nuclear Forensics, which took place in April 2019. The meeting will address recent statements in the General Conference Resolutions supporting the development and widest possible implementation of nuclear forensics and radiological crime scene management among Member State partners. The meeting will include plenary sessions with key speakers, as well as parallel technical sessions on Nuclear Forensics Capability Building - Initiation and Sustainability, Nuclear Forensics Human Resource - Development and Sustainability, Nuclear Forensics Practices and Experiences, and Nuclear Forensic Science Research and Development - Current Status and Future Opportunities.

### **Objectives**

The objective of the meeting is to focus on the application of nuclear forensics in response to incidents involving nuclear and other radioactive materials out of regulatory control, and to demonstrate links to radiological crime scene management, and support to potential judicial proceedings. Another important objective is to highlight States' experience in utilizing nuclear forensics for the prevention and response to nuclear security events.

### **Target Audience**

Participants should comprise nuclear and forensic scientists, nuclear security event responders, law enforcement officials; prosecutors, nuclear regulators, nuclear security specialists and managers, those responsible for policies and plans for nuclear forensics and radiological crime scene management as

well as other subject matter experts involved in the conduct of a nuclear forensics examination and formulation of conclusions involving an investigation of a nuclear security event. Participants should have awareness and understanding of the role of nuclear forensics as a preventive and response measure to a nuclear security event.

## **Working Language(s)**

English

## **Structure**

The Technical Meeting programme will consist of an opening session, plenary sessions, technical sessions, interactive poster presentations, interactive content sessions, side events, mini exercises and a closing session. The opening session will include welcoming addresses by representatives of the IAEA and cooperating organizations. The plenary sessions will continue with 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 invited experts and 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.

Recognising the importance of international collaboration in nuclear forensics, the IAEA cooperates with nuclear forensic partners, including the Nuclear Forensics International Working Group (ITWG), the Global Initiative to Combat Nuclear Terrorism (GICNT) and the International Police Organisation (INTERPOL), all of which are expected to take part in the meeting. Exhibition areas will be available for the organizations above and the IAEA's partner institutes.

## **Topics**

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

1. Nuclear Forensics Capacity Building
  - Lessons Learned and New Virtual Initiatives for Nuclear Forensics Capacity Building considering the pandemic
  - New Technologies, R&D and Signature Research in Nuclear Forensics
  - Newcomers in Nuclear Forensics: Minimum Technical and Scientific Required Capabilities
  - Case Studies on Nuclear Forensics Capacity Building in Member States
2. Nuclear Forensics as a National Responsibility
  - Integration of Nuclear Forensics in a National Response Framework
  - Good Practices in Establishing a Nuclear Forensics Legal Framework
  - Application of Self-Assessment Tools for Assessing a National Nuclear Forensics

- Capability
  - Benefits and Considerations in Establishing a National Nuclear Forensics Library
- 3. Nuclear Forensics Sustainability and Cooperation
  - Virtual Partnerships: Building and Maintaining National and International Relationships
  - Human Resource Development in Nuclear Forensics
  - Sustaining a National Nuclear Forensics Capability: Challenges and Considerations
  - Inter-laboratory Exercises and International Cooperation on Nuclear Forensics
- 4. The Intertwined Nature of Nuclear Forensics and Radiological Crime Scene Management
  - Development of Emerging Technologies in Radiological Crime Scene Management
  - Uses and Applications of Virtual Training for Radiological Crime Scene Management
  - Novel Approaches to Categorization for Radiological Crime Scene Management
  - Case Studies for Radiological Crime Scene Management

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.

## Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **31 December 2021**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by above deadline.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

## Papers and Presentations

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

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, should extend to no more than 3 pages (including figures and tables) and should not exceed 600 words. It should be sent electronically through the following INDICO link, [Technical Meeting on Nuclear Forensics Science: From National Foundations to Global Impact \(11-14 April 2022\): Overview · Indico for IAEA Conferences \(Indico\)](#), not later than **15 November 2021**. Authors will be notified of the acceptance of their proposed presentations by **31 January 2022**.

In addition, participants have to submit the abstract together with the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or their organization for onward transmission to the IAEA not later than **31 December 2021**.

## 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 event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made using the **Grant Application Form (Form C)** which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **31 December 2021**.

## Venue

The event will be held at the Vienna International Centre (VIC) where the IAEA's Headquarters are located. Participants must make their own travel and accommodation arrangements.

General information on the VIC and other practical details, such as a list of hotels offering a reduced rate for IAEA participants, are listed on the following IAEA web page:

<https://www.iaea.org/events>.

Participants are advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the event on the first day in order to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the VIC premises.

## 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.

## Key Dates

15 November 2021: Submission of 2-page extended abstracts through INDICO: [Technical Meeting on Nuclear Forensics Science: From National Foundations to Global Impact \(11-14 April 2022\): Overview - Indico for IAEA Conferences \(Indico\)](#)

31 December 2021: Submission of Participation Form A through a competent national authority, - see participation and registration section

31 December 2021: Submission of Grant Application Form C through a competent national authority - see participation and registration section.

31 January 2022: Notification of acceptance of extended abstracts.

11 April 2022: Meeting begins.

## Organization

### Scientific Secretary

**Ms Eva Kovacs-Szeles**

Division of Nuclear Security  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA  
Tel.: +43 1 2600 26248  
Fax: +43 1 26007  
Email: [E.Szeles@iaea.org](mailto:E.Szeles@iaea.org)

### Administrative Secretary

**Ms Nicola Vorhofer**

Division of Nuclear Security  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA  
Tel.: +43 1 2600 24696  
Fax: +43 1 26007  
Email: [N.Vorhofer@iaea.org](mailto: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 Secretary.





# Participation Form

## Technical Meeting on Nuclear Forensics: From National Foundations to Global Impact

IAEA Headquarters, Vienna, Austria

11 to 14 April 2022

To be completed by the participant and sent to the competent national 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) either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary Ms Eva Kovacs-Szeles, Division of Nuclear Security, Department of Nuclear Safety and Security (Email: [E.Szeles@iaea.org](mailto:E.Szeles@iaea.org)) and to the Administrative Secretary, Ms Nicola Vorhofer, (Email: [N.Vorhofer@iaea.org](mailto:N.Vorhofer@iaea.org)).

**Deadline for receipt by IAEA through official channels: 31 December 2021**

Representing following Member-State/ non-Member State/entity or invited organization:		
Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Name of Institute/Affiliation:		
Address of Institute/Affiliation:		
Tel. (Fax) Office/Mobile:		
Email:		
Date of birth (YYYY-MM-DD):	Place of birth:	
Nationality:	Passport number:	
Date/Place of issue of passport:	Passport 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 event:**

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

---



---



---



---



---

**5. Language skills:**

Enter your languages and your proficiency per Description

Mother tongue:		Proficiency Description:
Language:	Proficiency:	
		<b>FLUENT (F):</b> Speak, read and write nearly as well as mother tongue
		<b>WORKING KNOWLEDGE (W):</b> Speak, read and write nearly as well as mother tongue Engage freely in discussions, read and write more complex material
		<b>LIMITED (L):</b> Limited conversation, reading of newspapers, routine correspondence

**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 event, 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** \_\_\_\_\_

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency's Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

# Grant Application Form

## Technical Meeting on Nuclear Forensics: From National Foundations to Global Impact

IAEA Headquarters, Vienna, Austria

11 to 14 April 2022

To be completed by the participant and sent to the competent national 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) either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary, Ms Eva Kovacs-Szeles, Division of Nuclear Security, Department of Nuclear Safety and Security (Email: [E.Szeles@iaea.org](mailto:E.Szeles@iaea.org)) and to the Administrative Secretary, Ms Nicola Vorhofer, (Email: [N.Vorhofer@iaea.org](mailto:N.Vorhofer@iaea.org)).

**Deadline for receipt by IAEA through official channels: 31 December 2021**

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yyyy/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 attended from            to	

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

### 4. Institute's/Member State's programme in field of event:

Date: \_\_\_\_\_ Signature of applicant: \_\_\_\_\_

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

