



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

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In reply please refer to: EVT2003062

Dial directly to extension: (+43 1) 2600-25823

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 the Use of Safety Analysis Approaches for Nuclear Security Purposes** (hereinafter referred to as "event") to be held at the IAEA's Headquarters in Vienna, Austria, from **13 to 15 October 2021**.

In addition, the event will allow for virtual participation via Cisco Webex.

The purpose of the event is to provide a forum for Member States to share experiences and discuss current approaches regarding the use of probabilistic and deterministic safety analysis for nuclear security purposes.

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).

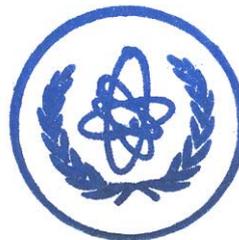
It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA 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 **15 July 2021** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: Official.Mail@iaea.org or by fax to: +43 1 26007 (no hard copies needed). Copies should be sent by email to the Scientific Secretaries of the event, Mr Shahan Poghosyan, Division of Nuclear Installation Safety, Department of Nuclear Safety and Security (Email: S.Poghosyan@iaea.org) and Mr Kristof Horvath, Division of Nuclear Security, Department of Nuclear Safety and Security (Email: K.Horvath@iaea.org), and to the Administrative Secretary, Ms Sanja Hadzic (Email: S.Hadzic@iaea.org). The Scientific Secretaries of the event will liaise with

the participants directly concerning further arrangements, including travel details, as appropriate, once the official designations have been received.

The IAEA takes no responsibility for, and the provider of the virtual meeting services has represented and warranted that the Services shall not contain, and that no end user shall receive from the software used to hold the virtual meeting, any virus, worm, trap door, back door, timer, clock, counter or other limiting routine, instruction or design, or other malicious, illicit or similar unrequested code, including surveillance software or routines which may, or is designed to, permit access by any person, or on its own, to erase, or otherwise harm or modify any data or any system, server, facility or other infrastructure of any end user (collectively, a “Disabling Code”).

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.



2021-03-25

Enclosures: Information Sheet

Participation Form (Form A)

Grant Application Form (Form C)



Technical Meeting on the Use of Safety Analysis Approaches for Nuclear Security Purposes

**IAEA Headquarters
Vienna, Austria**

13–15 October 2021

Ref. No.: EVT2003062

Information Sheet

Introduction

The importance of the interface between nuclear safety and security have been stressed by IAEA Member States in various occasions. In recent General Conferences (GC), the MSs have requested the Secretariat to continue facilitating a coordination process between nuclear safety and security. In this context, the information and conclusions from safety analysis could provide important insights for nuclear security purposes. This is specifically highlighted by current IAEA publications in this area which promote the benefits of using safety analysis approaches (both deterministic and probabilistic) for nuclear security purposes.

Currently, there are several new national initiatives related to the use of safety analysis results for various nuclear security applications, such as:

- Vital areas identification
- Target sets identification
- Design basis threat related applications
- Analysis of potential security related scenarios and their consequences (i.e. conditional core damage probability, time to core damage, etc.)

Although these type of applications for nuclear security purposes is not a new initiative, a uniform approach has not been established and there is a need for harmonisation of approaches and experiences available in Member States. Thus, the IAEA has initiated the development of a Technical Report Series (TRS) publication aimed to describe the experience of Member States for the use of safety analysis approaches to support nuclear security at nuclear installations.

Objectives

The meeting is intended to serve as an international forum for presentations and discussions on the current practices, recent developments and challenges in the field of Use of Safety Analysis Approaches for Nuclear Security purposes. The meeting will focus, in particular, on potential ways and topics where the insights from safety analysis (both probabilistic and deterministic) could be used to support nuclear security considerations. It is planned to discuss the relevant experiences and practical examples available in Member States. In addition, the meeting will provide a platform for discussions on the recently initiated IAEA activity aimed at the development of a Technical Report Series publication (TRS-1000 collection) on Use of Safety Analysis Approaches to Support Nuclear Security at Nuclear Installations.

Target Audience

Participation is solicited from nuclear safety professionals from nuclear power plant (NPP) design and operating organizations, regulatory bodies, and technical support organizations as well as consultants who are engaged in safety analysis (mainly focused on probabilistic safety assessment, but also deterministic) for nuclear installations. To ensure maximum effectiveness in the exchange of information, participants should be persons actively involved in applying PSA models for nuclear security purposes and in general working on the interface between nuclear safety and security is highly encouraged.

Working Language

English.

Topics

The following topics are planned to be covered during the Technical Meeting:

- Application of Probabilistic Safety Assessment models to support nuclear security considerations
- Use the insights from deterministic safety analysis for security purposes
- Risk-informed identification of vital areas and target sets for nuclear installations

- Use of safety analysis approaches for design basis threat related applications
- Risk analysis of potential security related scenarios (i.e. conditional core damage probability, time to core damage, etc.)
- Use of safety analysis approaches for safety-security interface considerations for SMRs

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 **15 July 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 the above deadline.

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

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 **15 July 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:

<http://www-pub.iaea.org/iaeaevents/GeneralInfo/Guide/VIC>.

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.

IAEA Contacts

Scientific Secretaries:

Mr Shahen Poghosyan

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AUSTRIA

Tel.: +43 1 2600 25823

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Email: S.Poghosyan@iaea.org

Mr Kristof Horvath

Division of Nuclear Security
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Email: K.Horvath@iaea.org

Administrative Secretary:

Ms Sanja Hadzic

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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 25557

Fax: +43 1 26007

Email: S.Hadzic@iaea.org

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

Event Web Page

Please visit the following IAEA web page regularly for new information regarding this event:

www.iaea.org/events/EVT2003062

Participation Form

Technical Meeting on the Use of Safety Analysis Approaches for Nuclear Security Purposes

IAEA Headquarters, Vienna, Austria

13–15 October 2021

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 or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretaries S.Poghosyan@iaea.org and K.Horvath@iaea.org, and to the Administrative Secretary S.Hadzic@iaea.org.

Deadline for receipt by IAEA through official channels: 15 July 2021

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State or invited organization:	
Virtual Attendance	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Do you intend to make a presentation? Yes <input type="checkbox"/> No <input type="checkbox"/>		
Title:		

Grant Application Form

Technical Meeting on the Use of Safety Analysis Approaches for Nuclear Security Purposes

IAEA Headquarters, Vienna, Austria

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To be completed by the applicant 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 or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretaries S.Poghosyan@iaea.org and K.Horvath@iaea.org, and to the Administrative Secretary S.Hadzic@iaea.org.

Deadline for receipt by IAEA through official channels: 15 July 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 (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 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** _____