



# **Regional Training Course on Practical Introduction to Nuclear Forensics**

**Hosted by the  
Government of Hungary**

**through the  
HUN-REN Centre for Energy Research  
Budapest, Hungary**

**30 September - 4 October 2024**

**Ref. No.: EVT2305627**

## **Information Sheet**

### **Introduction**

This course is offered as part of the 2024 Nuclear Security Training Programme of the IAEA's Division of Nuclear Security, Department of Nuclear Safety and Security. This regional course was requested through the Integrated Nuclear Security Sustainability Plan Programme. The course will further participants' awareness of analytical measurement supporting a national response plan, and will introduce current scientific methods for nuclear forensic analysis. The course will also allow participants to learn from internationally recognized experts about analytical measurements significance to the success of a nuclear forensic examination. By design, this course utilizes the capabilities residing at the IAEA Collaborating Centre in Nuclear Forensics of the Hungarian Centre for Energy Research to demonstrate current methods for laboratory analysis, and encourages scientist-to-scientist exchange between participants. The course will involve utilizing radioactive material in a controlled laboratory setting and will consist of laboratory exercises, demonstrations and tours, augmented by technical lectures. During the laboratory exercises the participants will apply course concepts.

### **Objectives**

The objective of the course is to provide applied instruction on analytical measurements relevant to nuclear forensic examinations, including gamma ray spectrometry, scanning electron microscopy and inductively coupled plasma mass spectrometry.

## Target Audience

This training is designed for scientists familiar with inorganic laboratory instrumentation, and techniques and methods, including nuclear chemistry applicable to the conduct of a high confidence nuclear forensics examination. The participants should have professional knowledge and relevant experience in nondestructive and destructive analytical methods that can be applied to the examination of nuclear and radioactive material.

## Working Language

English

## 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 or invited organization, participants are requested to submit their application via the InTouch+ platform (<https://intouchplus.iaea.org>) to the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA by 21 June 2024, following the registration procedure in InTouch+:

1. Access the InTouch+ platform (<https://intouchplus.iaea.org>):
  - Persons with an existing NUCLEUS account can sign in to the platform with their username and password;
  - Persons without an existing NUCLEUS account can register [here](#).
2. Once signed in, prospective participants can use the InTouch+ platform to:
  - Complete or update their personal details under ‘Complete Profile’ and upload the relevant supporting documents;
  - Search for the relevant event under the ‘My Eligible Events’ tab;
  - Select the Member State or invited organization they want to represent from the drop-down menu entitled ‘Designating Authority’ (if an invited organization is not listed, please contact [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org));
  - If applicable, indicate whether financial support is requested and complete the relevant information (this is not applicable to participants from invited organizations);
  - Based on the data input, the InTouch+ platform will automatically generate the Participation Form (Form A) and/or the Grant Application Form (Form C);
  - Submit their application.

Once submitted through the InTouch+ platform, the application, together with the auto-generated form(s), will be transmitted automatically to the required authority for approval. If approved, the application, together with the applicable form(s), will automatically be sent to the IAEA through the online platform.

NOTE: The application for financial support should be made, together with the submission of the application, by **21 June 2024**.

For additional information on how to apply for an event, please refer to the [InTouch+ Help](#) page. Any other issues or queries related to InTouch+ can be sent to [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org).

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. The IAEA may also use the contact details of Applicants to inform them of the IAEA's scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA's mandate. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

## 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, together with the submission of the application, by **21 June 2024**.

## Visas

Participants who require a visa to enter Hungary should submit the necessary application as soon as possible to the nearest diplomatic or consular representative of Hungary.

## Organization

### Scientific Secretary

#### Mr Zhong Yuan

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### Administrative Secretary

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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.