



# **Annual Training Workshop on Synchrotron Technologies and Techniques and their Applications**

**Hosted by the**

**Government of Italy**

**through the**

**Elettra - Sincrotrone Trieste S.C.p.A.**

**Trieste, Italy**

**21 - 25 October 2024**

**Ref. No.: EVT2304289**

## **Information Sheet**

### **Introduction**

This event is part of the Partnership Agreement with Elettra in which we agree to organize together one training workshop per year with hands-on training at beamlines.

### **Objectives**

To allow people with no or limited experience in synchrotron light experiments to participate in hands-on experiments and training at different beamlines, as well as to learn how to write successful proposal applications in order to be able to secure beamtime for themselves. The training will include experimental activities at the following beamlines operating at Elettra Sincrotrone Trieste:

XRF: <https://www.elettra.trieste.it/lightsources/elettra/elettra-beamlines/microfluorescence/x-ray-fluorescence.html>  
XAFS: <https://www.elettra.trieste.it/elettra-beamlines/xafs.html>  
MCX: <https://www.elettra.trieste.it/elettra-beamlines/mcx.html>

## Target Audience

The audience will typically be younger scientists, preferably from developing countries or from areas with limited or no local access to synchrotrons. The participants should have a degree in natural sciences; e.g., physics, chemistry, biology, and related fields (BSc, MSc or PhD). The scientists are required to submit an abstract about their research interests and the possible experiments they would like to run in the future using the techniques that form part of this training (XRF, XAS, XRD and closely related techniques).

## Working Language(s)

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, 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 **12 July 2024**. 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. Please be informed that the selection process will be accomplished by 2 August 2024, by which date all invitation letters will have been sent out to the selected candidates.

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.

## 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 **12 July 2024**.

## Visas

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

## Organization

### Scientific Secretary

#### Mr Sotirios Charisopoulos

Division of Physical and Chemical Sciences  
Department of Nuclear Sciences and Applications  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA

Tel.: +43 1 2600 21637/28224

Fax: +43 1 26007

Email: [S.Charisopoulos@iaea.org](mailto:S.Charisopoulos@iaea.org)

### Co-Scientific Secretary

#### Mr Alessandro Migliori

Division of Physical and Chemical Sciences  
Department of Nuclear Sciences and Applications  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA

Tel.: +43 1 2600 28235

Fax: +43 1 26007

Email: [A.Migliori@iaea.org](mailto:A.Migliori@iaea.org)

**Administrative Secretary**

**Ms Gaukhar Permetova**

Division of Physical and Chemical Sciences  
Department of Nuclear Sciences and Applications  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA

Tel.: +43 1 2600 28227

Fax: +43 1 26007

Email: [G.Permetova@iaea.org](mailto:G.Permetova@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.