



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

23 - 27 October 2023

Ref. No.: EVT2205740

Information Sheet

Introduction

This event is part of the Partnership Agreement with Elettra in which we agree to organise 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 **24 July 2023**. 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 note that the IAEA is in a transition phase to manage the entire registration process for all regular programme events electronically through the new InTouch+ (<https://intouchplus.iaea.org>) facility, which is the improved and expanded successor to the InTouch platform that has been used in recent years for the IAEA's technical cooperation events. Through InTouch+, prospective participants will be able to apply for events and submit all required documents online. National authorities will be able to use InTouch+ to review and approve these applications. Interested parties that would like to use this new facility should write to: InTouchPlus.Contact-Point@iaea.org.

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 **24 July 2023**.

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.

IAEA Contacts

Scientific Secretary

Mr Ian Peter Swainson

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 24215

Fax: +43 1 26007

Email: I.Swainson@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

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

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.