



Training Workshop on Instrumentation for Synchrotron Radiation Experiments

Hosted by the

Government of Italy

through

Elettra Sincrotrone Trieste

Trieste, Italy

7–11 October 2019

Ref. No.: EVT1701701

Information Sheet

Introduction

The event is being organized as part of the International Atomic Energy Agency's (IAEA's) partnership agreement with Elettra Sincrotrone Trieste, under which it is agreed to hold a yearly joint training workshop providing hands-on training at beam lines.

Objectives

The objective of the event is to enable persons with limited or no experience in synchrotron light experiments to participate in hands-on experiments and training at different beam lines. The participants will also learn how to write successful beam time proposals. 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 event is aimed mainly at 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 or a related field. Prospective participants are required to submit an abstract by email to the scientific secretaries about their research interests and the possible experiments they would like to perform in the future using the techniques that form part of this training (including X-ray fluorescence spectroscopy, X-ray absorption spectroscopy, X-ray diffraction 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 **18 September 2019**. 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.

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 **18 September 2019**.

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 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 Ragdaa Attia

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: R.Attia@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.