



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Training Workshop on Accelerator Technology and Associated Instrumentation, Including Operation and Maintenance Aspects

Virtual Event

22–26 November 2021

Ref. No.: EVT1904154

Information Sheet

Introduction

Accelerator-based technologies are associated with a broad range of applications that have a societal and technological impact and can contribute to the economic development of Member States. The utilization of accelerators enhances innovation in a variety of fields, such as health, materials research, cultural heritage, environment, energy and natural resources. In this context, accelerator applications are one of the thematic areas where the International Atomic Energy Agency (IAEA) supports its Member States in strengthening their capabilities to adopt and benefit from the usage of accelerators.

A number of IAEA Member States are operating small and medium sized electrostatic accelerator facilities with a wide spectrum of technical expertise. Many of these facilities are facing difficulties in training new personnel and improving the knowledge and skills of more senior accelerator technicians, engineers and scientists. The need for training on accelerator technologies is evident and the IAEA is responding to such needs.

The Nuclear Science and Instrumentation Laboratory and the Physics Section of the IAEA support Member States with accelerator facilities through coordinated research projects and the technical cooperation programme, which, for example, provide expertise, assist in setting up and maintaining the facilities offer instrumentation support and organize trainings.

Objectives

The objective of the virtual event is to discuss the issues during operation and maintenance of electrostatic accelerators and associated equipment and to deepen participants' knowledge in specific accelerator-related topics. The form of the meeting will be a virtual roundtable with presentations from different laboratories followed by the discussions on presented issue. The exact topics will be decided according to the inputs of the participants.

Target Audience

The event is intended for young and experienced accelerator operators, engineers and scientists working at electrostatic accelerator facilities, with the aim of exchange of experience with other participants and experts from the field, widening their knowledge related to electrostatic accelerators through presentations and discussions.

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 **1 October 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 above deadline.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and technical 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. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

Papers and Presentations

Participants who wish to give presentations are requested to submit an abstract of their work. The abstract will be reviewed as part of the selection process for presentations. The abstract should be in A4 page format, should extend to no more than 2 pages (including figures, photographs and tables) and should not exceed 1000 words. It should be sent electronically to Mr. Natko Skukan, Scientific Secretary of the event (see contact details below), not later than **1 October 2021**. Authors will be notified of the acceptance of their proposed presentations by **22 October 2021**.

In addition, participants have to submit the abstract together with the **Participation Form (Form A)** and the attached **Form for Submission of a Paper (Form B)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or their organization for onward transmission to the IAEA not later than **1 October 2021**.

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretary 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/EVT1904154