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IAEA activities in support of the accelerator-based research and applications

Promotion of nuclear applications for peaceful purposes and related capacity building is among the missions of the IAEA. In this context, accelerator applications and nuclear instrumentation is one of the thematic areas, where the IAEA supports its Member States in strengthening their capabilities to adopt and benefit from the usage of accelerators. A number of activities are being implemented focusing on accelerator-based applications in multiple disciplines, such as ion beam analysis of materials relevant to fusion or future applications of radioactive beams.

This presentation aims at disseminating some of the currently running activities of the Physics Section of IAEA implemented through Coordinated Research Projects and Technical Cooperation projects, especially those aiming at facilitating access to accelerator facilities for the countries without such capabilities. In particular, the outcomes from two recent Technical Meetings on Ion Beam Analysis of materials relevant to energy production via fusion and on future applications of Radioactive Ion Beams will be reported. Plans for the establishment of an accelerator facility at Seibersdorf laboratories will also be presented.

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