

Conférence invitée

IAEA-DRIVEN ION BEAM RESEARCH AND DEVELOPMENT

Aliz Simon, Sotiris Charisopoulos, Natko Skukan, Ian Swainson, Danas Ridikas

International Atomic Energy Agency, Division of Physical and Chemical Sciences, Vienna International Centre, Vienna, Austria.

The IAEA Physics Section is pursuing efforts on utilizing ion beam accelerators to support fundamental and applied research, as well as provide education and training world-wide.

The main field of accelerator applications are materials science, environmental science, heritage science and forensic science. There are various tools and mechanisms to foster accelerator science and technology, knowledge transfer and knowledge sharing with the scientific community, stakeholders and the public. Through the IAEA Technical Cooperation projects, we are assisting developing Member States in creating new installations and upgrading/advancing accelerator-based analytical techniques.

As a main hub of accelerator scientists, the IAEA Accelerator Knowledge Portal serves the scientific and industrial community with various accelerator databases and specialized topical pages and workspaces.

The talk will give an insight of the IAEA Physics Section programmatic priorities and key activities with special emphasis on how to enhance the involvement and collaborations with the IAEA.

[1] IAEA Accelerator Knowledge Portal: <https://nucleus.iaea.org/sites/accelerators/>