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ALTO - status, recent results and near-future plans

Wednesday, 2 December 2015 15:40 (30 minutes)

ALTO is an international facility that provides in parallel stable and radioactive beams. The stable beam experiments are based on the operation of a 15 MV Tandem that can accelerate species from hydrogen up to iodine as well as clusters (C, Au ...). The low-energy radioactive beams are produced using the photo-fission of UCx target. The experiments performed cover a large physics case from nuclear structure and astrophysics, atomic and cluster physics, biology and nano-technology.

A brief description of the facility will be given, illustrated with a few examples of recent results. The ongoing research program and the near-future projects and developments will be presented as well.

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