

# Target and Ion Source development at CERN-ISOLDE

*Thursday 9 December 2010 12:30 (20 minutes)*

The presentation will report on the new beams made available in 2010 at ISOLDE. It will also provide some feedback on how the beams were produced this year, and some options for future improvements. Some of the highlights are the unexpected Fe beam produced with a VADIS ion source and a submicron target, the delivered neutron rich Au beams, and the replacement of the traditional MK3 FEBIAD on molten lead target units. The recent progresses on the use of (n,X) reactions for beam production will finally be presented, along with possible lines of research for improvement of the neutron converter.

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