

eurorib'10

Contribution ID: 37

Type: **invited**

EURISOL –European ISOL facility for high-intensity exotic beams

Wednesday, 9 June 2010 11:30 (30 minutes)

Recently completed Design Study for EURISOL [1] –a European isotope-separation-on-line (ISOL) facility – aims at the construction of an accelerator-based ISOL system for producing exotic radioactive ion beams (RIBs) with intensities several orders of magnitude greater than those available today. EURISOL is intended to be complementary to FAIR –the Facility for Antiproton and Ion Research, currently planned in Germany. With high-power beams of protons producing highest intensities for a range of radioactive and exotic isotopes, EURISOL will provide a unique facility for European scientists. In this talk the main features of the planned facility and its potential impact on nuclear science and its applications will be reviewed.

1. <http://www.eurisol.org/site02/index.php>

Is this an invited talk? (please answer yes or no)

yes

Would you prefer your contribution to be a poster presentation? (please answer yes or no)

no

Would you prefer your contribution to be an oral presentation? (please answer yes or no)

yes

Are you a student, postdoc or an attendee from an “emerging” country and would like to apply for financial support?

no

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Session Classification: Facility Talks II