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TSR Status report

Monday 27 April 2015 15:00 (25 minutes)

The TSR will be the first low-energy storage ring at an ISOL-type radioactive
beam facility [1]. Specifically, we intend to setup the heavy-ion, low-energy ring TSR at the ISOLDE facility in CERN, Geneva. Such a facility will provide a capability for experiments with stored secondary beams that is unique in the world. The envisaged physics programme is rich and varied, spanning from investigations of nuclear ground-state properties and reaction studies of astrophysical relevance, to investigations with highly-charged ions and pure isomeric beams. In addition to a brief summary of the exciting physics program and recent developments of the TSR project I will report on collaboration issues and agreements as well as the building and the funding situation.

[1] M. Grieser et al., Eur. Phys. J. ST 207, 1 (2012)

Presenter: BLAUM, Klaus (Max-Planck-Gesellschaft (DE))

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