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## **CATHI and the HIE-ISOLDE Design Study**

*Monday 15 December 2014 15:15 (15 minutes)*

Financed by the European Commission within the Marie Curie Actions-ITN program, the CATHI (Cryogenics, Accelerators and Targets for Hie-ISOLDE) was launched in 2010 with the recruitment of 20 researchers; 11 of whom completed their training while working on different aspects of the HIE-ISOLDE Design Study. As the project terminates in 2014, their work will be collected in a final report that will provide a baseline for the upgrade of both the ISOLDE facility in order to accommodate a potential increase in proton-beam power and an improvement of beam quality through a new layout of the High Resolution Mass Spectrometer. This presentation will highlight the achievements of the CATHI Fellows and will attempt to project future changes of the facility necessary to implement improvements identified in the HIE-Design Study.

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