



Contribution ID: 61

Type: **Invited**

The ISOLDE target production: Highlights of 2018

Thursday, 6 December 2018 11:00 (30 minutes)

The ISOLDE target and ion source units are manufactured on demand, following the specifications implied by the physics schedule. The production of each target typically takes a few days, but can also take up to weeks, depending on the complexity. After the units are manufactured, they are tested at the ISOLDE OFF-LINE mass separator before they are delivered to ISOLDE for irradiation. The OFF-LINE has been operated continuously throughout the year, both for target production and target and ion source development.

We will give insights into the ISOLDE target lifecycle, followed by a summary of the figures for the 2018 target production, highlights of delivered beams and results of our research and development work. The presentation will conclude with an outlook for the development work envisaged during the long shutdown period.

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Session Classification: Technical Session 1