Contribution ID: 37 Type: Oral

## Target development of oxidizing materials

Tuesday, 15 November 2016 14:00 (30 minutes)

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## Abstract

Target development of oxidizing materials is always a challenging job. Oxidizing targets like Pb, Nd, Gd, Sm, Ba etc. are frequently fabricated in target development laboratory at Inter-University Accelerator Centre (IUAC) [1-8]. Minimizing the exposure of target materials to atmosphere before and after the target preparation plays the most important role in development readily oxidizing isotopic targets. Since many of them are of rarely available isotopically enriched materials, its preservation for longer duration is also important. Most of the targets are prepared by either vacuum evaporation or rolling technique. In addition to recent target developments of oxidizing materials, recent other target developments at IUAC will also be discussed in the report.

## References

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**Session Classification:** Session 5

Track Classification: Plenary