



Contribution ID: 12

Type: **Oral Presentation**

## Shutdown and commissioning planning for the ISIS TS1 Project

*Tuesday, 15 October 2019 14:25 (25 minutes)*

The ISIS long shutdown 2020 -2021 is set to be a busy time; it is during this period that the strip-out, installation and commissioning of the TS1 project [1], [2] will occur. Marking the culmination and actualisation of nearly 8 years of preparation and work. The TS1 project is not the only large project taking advantage of the shutdown and with the significant amount of work to do and resource (human and material) limitations; carefully and robust planning is essential in order to ensure it is all completed successfully and safely.

In this paper, details of the planning for the commissioning (pre-installation, pre-beam and with-beam) as well the activities required during the equipment removal and installation phases, will be provided. It will look at the two areas of pre-build currently underway; one focussed on the replacement target, reflector and moderators (TRAM) assembly [3],[4] and one focussed on the construction of the new modular target services trolley. An overview of the shutdown and commissioning tasks, the approach for their planning and management will also be provided.

**Primary author:** GALLIMORE, Stephen (UKRI - STFC)

**Co-author:** Mr HAYNES, David (ISIS, STFC, UKRI)

**Presenter:** GALLIMORE, Stephen (UKRI - STFC)

**Session Classification:** Operations/Safety

**Track Classification:** Operation/Safety