

Data collection and analysis on the spectroscopy instruments at the ESS.  
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Possible data for a 1 day meeting (lunch-lunch) will be early March. Cost of meeting may be covered by budget held by K. A. Andersen.

We aim to hold a meeting between the scientists of the instrument teams and the external scientific community. The scientific community will be represented via invitation of some STAP members, SAC members and scientific experts with a high profile in neutron spectroscopy. A maximum number of participants will be limited to 40.

The instrument teams involved are: CPSEC, BIFROST, TREX, VESPA, MIRACLES and the spin echo groups.

It is envisaged that CSPEC, BIFROST and TREX will be the first instruments to require DMSC with hot commissioning envisaged around the middle of 2021.

Charge:

Outline the core requirements for instrument control

Outline the core requirements for data reduction

Outline the core requirements for data analysis

Provide a realistic time line into full operations of instruments for DMSC.

Within this we mean that core requirements are provided within the DMSC budget for construction, operations funding begins in 2019.

Draft agenda:

Present the DMSC and the various groups within DMSC for control, data reduction and data analysis.

Present the vision of the DMSC within the timeline presented, 2021 (hot commissioning) and full operation.

Discussion of expected data output from each instrument and associated timelines.

Discussion of a roadmap for spectroscopy instrument control and data reduction based on preliminary information for each instrument.

Discussion of key milestones for instrument software delivery

Current state of various data analysis packages, how they can be realistically implemented on the instrument/ESS cluster (initially limited), what is required to upgrade them.

Discuss what implications this has for a roadmap for data analysis based on preliminary information from user communities.

Discuss required resources and schedule