



Contribution ID: 58

Type: **Poster**

Status Update about T-REX: The Bispectral Chopper Spectrometer at ESS

T-REX is a bispectral direct geometry spectrometer currently under construction at the ESS. T-REX looks at both the thermal and cold moderators at ESS, enabling users to study excitations with incident neutron energies ranging from 2 to 160 meV. A key feature of T-REX is its advanced XYZ polarisation analysis capability, which greatly enhances the scope of possible experiments on a direct geometry spectrometer.

This talk will present the scientific capabilities of T-REX and benchmark its performance against existing direct geometry spectrometers in Europe. In addition, a status update on the instrument's construction will be given, highlighting technical progress and key milestones achieved.

Session

Instrumentation

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Session Classification: Instrumentation