

# ARW 2024

## Accelerator Reliability Workshop

MAX IV and ESS are Excited and Pleased to Announce their Joint Hosting

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### ISIS accelerator strategy

*Monday, 24 June 2024 16:30 (30 minutes)*

ISIS Neutron and Muon Source is based at the Rutherford Appleton Laboratory in the UK and operated by UKRI-STFC. In a typical year, ISIS facilitates 1200 experiments by 3000 users from 30 countries generating 600 publications. Using neutrons or muons as a probe to understand materials at an atomic level is non-destructive and provides results that cannot be achieved by other techniques.

The ISIS accelerators have been in operation for almost 40 years. Accelerator performance remains a dominant focus for the engineers and technicians who maintain and operate the machine. The ISIS Accelerator Strategy sets out a number of goals to guide future accelerator operations and research activities that can be encapsulated into four themes: operational sustainability, environmental sustainability, accelerator R&D, and development and retention of skills and knowledge.

This talk presents the key objectives of the ISIS Accelerator Strategy and how machine performance remains embedded in the workplace culture; including discussion on make-up of the management and operators, and how operations are planned and reviewed.

**Primary author:** RANNER, Jonny (ISIS neutron and muon source, STFC)

**Presenter:** RANNER, Jonny (ISIS neutron and muon source, STFC)

**Session Classification:** How to Establish / Ensure / Maintain / Evolve a Reliability Integrity Culture?