

Neutron facilities – past, present and future

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The European Spallation Source, which is the most recent major neutron research facility, was first proposed in 1991 and is now due to come into operation in 2025. These very long-time scales – decades – to propose, plan, design and construct a facility mean that the possibilities for neutron provision in the next 20-30 years are already known. This presentation will cover the current provision, how that developed, and what the possibilities are up to 2050. This will then determine the requirements and demand for neutron detectors.