



Contribution ID: 255

Type: Invited Oral

Overview of the Neutron Scattering Capabilities at the OPAL Research Reactor

Thursday, 16 August 2018 11:15 (10 minutes)

The Australian Centre for Neutron Scattering (ACNS) utilises neutrons from Australia's multi-purpose research reactor, OPAL, to solve complex research and industrial problems for Australian and international users via merit-based access and user-pays programs. Neutron scattering techniques provide the research community and industry with unique tools to study the structure, dynamics and properties of a range of materials, helping scientists understand why materials have the properties they do, and helping tailor new materials.

An overview of the ACNS neutron scattering capabilities at the OPAL reactor will be given together with a selection of scientific and industry case studies.

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Session Classification: Speaker Sessions and Seminars

Track Classification: Accelerator/Radiation Sciences and Technology