



Connecting Industrial R&D Staff to State-of-the-Art Neutron Methods

1st Webinar: Neutrons: A Natural Tool for Industrial Research

14 October 2020 at 15:00 (CET)

Dr. Andrew Jackson, European Spallation Source

Acting Head Neutron Instruments Division, Group Leader Instrument Scientists

Dr. Jackson has over 20 years experience in neutron scattering and has been using neutrons to study problems ranging from fundamental physical chemistry to applied food science since his undergraduate dissertation.

Following obtaining his undergraduate and graduate degrees from the University of Oxford, Andrew spent 3 years as a postdoc at the ANU in Canberra, Australia working on projects with the dairy and mining industries. He then moved to the US, where he spent 6 years as a guest researcher and instrument scientist at the NIST Center for Neutron Research in Gaithersburg, MD. During that time, Andrew worked on a wide range of scientific and industrial problems including composites, energy materials, separation, food processing, and geology.

In 2011, Andrew moved to Sweden to develop the small-angle scattering programme for ESS and is currently the Group Leader for Instrument Scientists and Acting Head of the Neutron Instruments Division at ESS.

His current research interests lie in understanding the physical chemistry of self-assembly in novel solvents, development of new formulation media for pharmaceuticals, and studies of food structure.

