

Neutron Day – 21 October 2020

The Centre for Neutron Scattering invites you to the Uppsala University Neutron Day on **October 21st, 13.00 – 16.00**. The seminar will take place as a virtual meeting on Zoom: <https://uu-se.zoom.us/j/62606484946>. The program combines presentations of leading scientists in the area of neutron scattering and it will focus on current opportunities in the field.

13:00 Opening

13:15 Neutrons in Integrated Structural Biology

Trevor Forsyth (Institut Laue Langevin, Grenoble, France)

13:45 Neutron crystallography of the carbon dioxide fixating enzyme Rubisco

Marvin Seibert (Department of Cell and Molecular Biology, Uppsala University)

14:00 Break

14:15 Triple axis spectroscopy, recent developments and applications

Astrid Schneidewind (Jülich Center for Neutron Science, Garching, Germany)

14:45 Cation ordering in rock salt derived cathode materials: A neutron diffraction perspective

Olof Gustafsson (Department of Chemistry - Ångström, Uppsala University)

15:00 Break

15:15 Spatially Resolved Structure and Magnetism in Magnetic Nanoparticles

Sabrina Disch (Department for Chemistry, University of Cologne, Germany)

15:45 Self-assembly of magnetic nano-particles at the solid interface

Apurve Saini (Department of Physics and Astronomy, Uppsala University)

Everyone is Welcome!