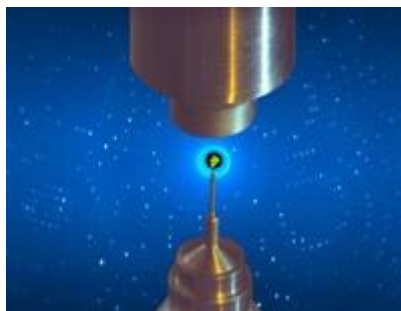


Session Program

Jun 8 - 11, 2021



MLZ Conference 2021: Neutrons for Life Sciences

Neutron and complementary methods in biology

Tue, June 8

1:00 PM

Neutron and complementary methods in biology

Session | **Convener:** Esko Oksanen

1:00 – 1:30 PM

Mechanical plasticity of the ECM directs branch elongation in human mammary gland organoids

Speaker

Prof. Andreas Bausch

1:30 – 1:50 PM

Retrieving Myelin/Nerve Fibers in a Brain Section by Small Angle Scattering

Speaker

Dr Santanu Maiti

1:50 – 2:10 PM

XFEL and Neutron Diffraction Studies allow Determination of the Binding Environment of an Iron Binding Protein

Speakers

Ivo Tews, Dr Mike Hough

2:10 – 2:30 PM

Life Science at the SNS Second Target Station

Speaker

Dr Leighton Coates

2:30 PM

Fri, June 11

9:00 AM

Neutron and complementary methods in biology

Session | **Convener:** Henrich Frielinghaus

9:00 – 9:30 AM

Combining NMR, SAXS and SANS in integrative structural biology to study dynamics and allostery in protein complexes

Speaker

Michael Sattler

9:30 – 9:50 AM

Complementary Methods: Molecular Dynamics and SANS

Speaker

Dr Alexey Shvetsov

9:50 – 10:10 AM

ANSTO's National Deuteration Facility (NDF): A Molecular Deuteration Platform for Characterisation Studies in the Life Sciences

Speaker

Karyn Wilde

10:10 – 10:30 AM

DEMAX: the DEuteration and MACromolecular Xtallization platform of the ESS.

Speaker

Zoe Fisher

10:30 AM