

Session Program

17-19 Sept 2018



German Conference for Research with Synchrotron Radiation, Neutrons and Ion Beams at Large Facilities

Parallel session 3

Fakultät für Maschinenwesen der Technischen Universität München
Boltzmannstraße 15 85748 Garching b. München

Tuesday 18 September

11:00

Parallel session 3: Life sciences

Session | Location: Fakultät für Maschinenwesen, MW 2001

11:00-11:15

Towards crowding in the eye lens: dynamics in aqueous solutions of crystallin proteins

Speaker

Felix Roosen-Runge

11:15-11:30

The rolling stones live: Hard X-ray phase contrast and neutron imaging allow for the in-situ visualization of otolith motion and associated structures in the fish ear

Speaker

Dr Tanja Schulz-Mirbach

11:30-11:45

Dynamics of denatured and native bovine serum albumin: A neutron spectroscopy study

Speaker

Andreas Stadler

11:45-12:00

In Situ Stopped-Flow SANS Study of the Growth of Poorly Water-Soluble Drug Nanoparticles Prepared by Antisolvent Precipitation

Speaker

Dennis M. Noll

12:00-12:15

Elucidation of light-induced structural changes of aureochrome and its recovery kinetics by small-angle X-ray scattering

Speaker

Saskia Bannister

12:15-12:30

Low frequency modes in iron proteins explored with the ^{57}Fe nuclear probe

Speaker

Volker Schünemann

12:30