Session Program

Sep 17 – 19, 2018

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

Micro symposium 2

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

Mon, September 17

11:00 AM

Micro symposium 2: Structural biology: Instrumentation and methods, current trends and topics

Session | **Location:** Fakultät für Maschinenwesen, MW 0350

11:00 – 11:15 AM **Facilities for Structural Biology at the ESRF: present and future.**

Speaker
Christoph MUELLER-DIECKMANN

11:15 – 11:30 AM **Investigations on Structure and Dynamics of Proteins by SAXS**

Speaker
Manfred Rößle

11:30 – 11:45 AM
P11 at PETRA III: A Versatile Beamline for Serial and High-Throughput Crystallography

Speaker
Dr Sebastian Guenther

11:45 AM – 12:00 PM
EMBL beamlines for macromolecular crystallography at PETRA III

Speaker
Dr Thomas Schneider

12:00 – 12:15 PM **Facilities for Macromolecular Crystallography at the HZB**

Speaker
Dr Martin Gerlach

12:15 – 12:30 PM **Discussions**

12:30 PM

2:30 PM

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2:30 – 2:55 PM
From Fragments to Drug Leads: Combing Crystallography with Docking and Design

Speaker
Prof. Gerhard Klebe

2:55 – 3:11 PM **In-situ macro-seeding apparatus for protein crystal growth**

Speaker
Marialucia Longo

3:11 – 3:27 PM
Rapid mixing microfluidics for time-resolved serial synchrotron crystallography

Speaker
Diana Monteiro

3:27 – 3:43 PM **AUSPEX: a diagnostic tool for graphical X-ray data analysis**

Speaker
Andrea Thorn

3:43 – 3:58 PM

Hitting proteins with a sledgehammer - structural characterization with X-rays

Speaker
Charlotte Uetrecht

4:00 PM