

## **Session Program**

**17-19 Sept 2018**



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

## **Parallel session 6**

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

# Monday 17 September

11:00

## Parallel session 6: Nanomaterials and nanostructures

Session | Location: Fakultät für Maschinenwesen, MW 0001

11:00-11:15

### In operando x-ray imaging of nanoscale devices: Composition, valence, and internal electrical fields

**Speaker**

Carsten Ronning

11:15-11:30

### Pushing PDF experiments for weakly scattering samples - tackling solvation shells

**Speaker**

Sabrina Thomä

11:30-11:45

### Cellulose Nanofibrils Films: Molecular Diffusion through Elongated Sub-Nano Cavities

**Speaker**

Dr Werner Egger

11:45-12:00

### Nanochannels, nanowires, and nanotubes fabricated by ion-track nanotechnology

**Speaker**

Dr Maria Eugenia Toimil-Molares

12:00-12:15

### Diffusion of iron in the near-surface region of magnetite (001)

**Speaker**

Steffen Tober

12:15-12:30

### In-situ X-ray diffraction during molecular beam epitaxy growth of III-V semiconductor nanowire structures

**Speaker**

Ludwig Feigl

12:30