

## **Session Program**

**17-19 Sept 2018**



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

## **Micro symposium 3**

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

## Tuesday 18 September

11:00

### Micro symposium 3: Novel developments in time resolved techniques

**Session** | **Location:** Fakultät für Maschinenwesen, MW 1801

11:00-11:15

#### X-Ray Movie Camera: A novel approach for time-resolved single-particle imaging

**Speaker**

Mario Sauppe

11:15-11:30

#### The new URSA-PQ instrument for molecular photoenergy conversion at FLASH

**Speaker**

Markus Guehr

11:30-11:45

#### Atomic and Molecular Physics Experiments with the REMI Endstation at FLASH2

**Speaker**

Mr Robert Moshhammer

11:45-12:00

#### Time-resolved studies of small molecules employing coincidence detection techniques

**Speaker**

Prof. Till Jahnke

12:00-12:15

#### New insights into ultrafast phenomena of solids by time-resolved spectroscopy with fs-XUV laboratory light sources

**Speaker**

Benjamin Stadtmüller

12:15-12:30

#### Discussions

12:30

14:00

### Micro symposium 3: Novel developments in time resolved techniques

**Session** | **Location:** Fakultät für Maschinenwesen, MW 1801

14:00-14:15

#### Combining x-ray emission and x-ray Raman spectroscopy at the scientific instrument FXE of the European XFEL

**Speaker**

C. Sternemann

14:15-14:30

#### Ultrafast Bragg switch for hard X-rays

**Speaker**

Dr Peter Gaal

14:30-14:45

#### High Purity X-ray polarimetry @ PETRA III and EU X-FEL

**Speaker**  
Ingo Uschmann

14:45-15:00

**Investigating structures and dynamics at liquid interfaces with ultra fast timescales**

**Speaker**  
Bridget Mary Murphy

15:00-15:15

**Time-resolved X-ray absorption fine structure spectroscopy measurements at PETRA III beamlines P11 and P64**

**Speaker**  
Dr Benjamin Grimm-Lebsanft

15:15-15:30 **Discussions**

15:30