

## **Session Program**

**17-19 Sept 2018**



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

## **Parallel session 4**

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

# Tuesday 18 September

11:00

## Parallel session 4: Magnetism and quantum phenomena

Session | Location: Fakultät für Maschinenwesen, MW 0001

11:00-11:15

### Vortex Lattice Domain Formation in the Type-II/1 Superconductor Niobium

**Speaker**

Alexander Backs

11:15-11:30

### Magnetic order in the Cs<sub>2</sub>CuCl<sub>4</sub>-xBr<sub>x</sub> mixed system

**Speaker**

Natalija van Well

11:30-11:45

### Magnetic small-angle neutron scattering of two-phase bulk ferromagnets

**Speaker**

Dirk Honecker

11:45-12:00

### Static magnetic proximity effects and spin Hall magnetoresistance in Pt/ Y<sub>3</sub>Fe<sub>5</sub>O<sub>12</sub>

**Speaker**

Dr Stephan Geprägs

12:00-12:15

### Observation of a chirality created exchange bias effect

**Speaker**

Dieter Lott

12:15-12:30

### Probing electronic and magnetic properties in iridates using nuclear resonant scattering on <sup>193</sup>Ir

**Speaker**

Hans-Christian Wille

12:30