



Workshop on

Scientific Opportunities for Materials Research using Scattering Techniques

Helmholtz-Zentrum Berlin, March 25-26, 2019

Monday, March 25, 2019 / Wannsee

Lise-Meitner-Campus (LMC), Colloquium's room, H132

Program

| Time | Speaker | Title / Activity |
|-------|---------------|---|
| 10:00 | B. Lake | Welcome |
| 10:05 | B. Lake | Experimental Investigations of Quantum Magnets at HZB |
| 10:35 | M. Fujita | Recent Activities of Neutron Research Center in IMR |
| 11:05 | K. Kiefer | Sample Environment at HZB |
| 11:35 | Y. Ikeda | Current Status of Polarized Neutron Spectrometer POLANO |
| 12:05 | | <i>Lunch</i> |
| 13:30 | | <i>HFM and Labs' Tour.</i> <i>Participants: H. Nojiri, M. Fujita, Y. Ikeda</i> |
| 15:00 | O. Prokhnenko | HFM/EXED Facility: Overview and Selected Scientific Examples |
| 15:30 | K. Prokes | Neutron Studies in High Magnetic Fields: Application to Uranium Systems |
| 16:00 | S. Chillal | Coupling of Charge Density Waves and Magnetism in TbTe ₃ |
| 16:30 | | <i>End of the first day</i> |



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Tuesday, March 26, 2019 / Adlershof

Wilhelm-Conrad-Röntgen Campus (WCRC), bldg. 13.10, room 0006 (“Kino”)

Program

| Time | Speaker | Title / Activity |
|-------|-------------------------|--|
| 10:00 | F. Kronast | Spatially Resolved Investigation of All-optical Magnetization Switching by XPEEM |
| 10:30 | H. Nojiri | Applications of High Magnetic Fields for X-ray scattering and Spectroscopy. |
| 11:00 | E. Schierle | Resonant Soft X-Ray Scattering at UE46-PGM1: Experimental Capabilities & Selected Applications |
| 11:30 | Ch. Schüßler-Langeheine | Charge-, spin- and energy transfer on fundamental time scales: The femtoslicing laboratory at BESSY II |
| 12:00 | | <i>Lunch</i> |
| 13:30 | | <i>Meeting with HZB Scientific Director J. Lüning</i> <i>Participants: H. Nojiri, M. Fujita, Y. Ikeda</i> |
| 14:00 | | <i>BESSY tour</i> <i>Participants: H. Nojiri, M. Fujita, Y. Ikeda</i> |
| 15:30 | | <i>End of the tour; Departure to LMC</i> |