



Stuttgarter Physikalisches Kolloquium

<http://www.physik.uni-stuttgart.de/aktuelles/kolloquium>

Wintersemester 2019-20

Zeit: 16:15 Uhr
Ort UNI: Hörsaal V57.01, Pfaffenwaldring 57, Stuttgart-Vaihingen
Ort MPI: Hörsaal 2D5, Heisenbergstr. 1, Stuttgart-Büsnau

- 15.10.2019 Yoichi Ando, Universität Köln
Universität **Topological Insulators and Superconductors**
- 22.10.2019 Ronny Nawrodt – Antrittsvorlesung **ACHTUNG: Ausnahmsweise 17:15!**
Universität **Measuring tiny signals - the detection of gravitational waves**
- 29.10.2019 Koenraad Schalm, Leiden University
MPI **Applied string theory: Understanding strange metals in the lab with virtual black holes**
- 05.11.2019 Paolo Radaelli, University of Oxford
MPI **Real-space magnetic topology in oxide/metal heterostructures**
- 12.11.2019 Stefan Philipp, IMB Research Zürich
MPI **Quantum chemistry algorithms using superconducting near-term quantum devices**
- 19.11.2019 **Festkolloquium zum 100. Geburtstag Prof. Dr. Dr. h.c. Ekkehart Kröner**
Universität Michael Zaiser, Universität Erlangen-Nürnberg
Anticracks, Compaction Bands and Snowquakes: Ekkehart Kröner's nonlocal continuum mechanics applied to unusual deformation phenomena in snow
- 26.11.2019 Ulrike Diebold, TU Wien
MPI **An Atomic-Scale View on Oxide Surfaces**
- 3.12.2019 James P. Shaffer, Quantum Valley Ideas Laboratory, Waterloo Canada
Universität **High Excited Atoms as Resources for Quantum Technologies**
- 10.12.2019 Jürgen Fassbender, Helmholtz-Zentrum Dresden-Rossendorf
MPI **Ion beam modification of magnetic materials**
- 17.12.2019 Christoph Becher, Universität des Saarlandes
Universität **How to change the color of a single photon (and why this is useful for quantum networks)**
- 7.01.2020 Kazu Suenaga, AIST Tsukuba
MPI **Development of low-voltage TEM/STEM for single-atom imaging and spectroscopy**
- 14.01.2020 Carl Bender, Washington University & Universität Heidelberg
Universität **PT Symmetry**
- 21.01.2020 Jeremy J. Baumberg, University of Cambridge
MPI **Actuating Nanostructures: Using light on the nanoscale**
- 28.01.2020 Carsten Rockstuhl, KIT Karlsruhe
Universität **Duality, Helicity, Chirality - and how it's all intertwined**
- 4.02.2020 Misha Katsnelson, University Nijmegen
MPI **Electronic structure and properties of a few-layer black phosphorus**