



Low Temperature Physics Seminar

Preliminary Programme: Winter Term 2018

This seminar takes place on Mondays, 16:15 in the library of the Atominstitut, Stadionallee 2.

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| October 15, 2018 | Elias Tanuhadi (Inst. für Biophysikalische Chemie, Univ. Wien)
Towards the formation of high-nuclear POM-clusters |
| October 22, 2018
ASC talks | Sigrid Holleis
Revival of the Thallium-based cuprates: microstructure and current transport of Tl-1223 thin films
David X. Fischer
HTS for fusion – fusion for HTS? |
| November 12, 2018 | Reinhard Kerschner (ATI, CERN)
ATR-FTIR - A non-destructive measurement technique for irradiated and aged cables |
| November 14, 2018
special date (Fusion
day talks) | Sigrid Holleis
Microstructure and superconducting properties of Thallium-based cuprates

Daniel Kagerbauer
Effects of fast neutron irradiation on the doping dependence of the pinning efficiency in K-doped Ba-122 single crystals |
| December 3, 2018 | Jakob Duschet
Pulsed current measurements of coated conductors |
| December 17, 2018 | Patrick Ebermann
Degradation of Nb₃Sn wires and cables during the manufacturing of high field accelerator magnets for the FCC study at CERN |
| January 7, 2019 | Adrian Stroth
Details in critical currents in BRUKER HTS tapes |
| January 14, 2019 | Christopher Bate (DESY)
Study of nitrogen-enriched niobium and its influence onto the performance of superconducting radio frequency (SRF) cavities |
| January 21, 2019 | Barbora Budinska
Influence of neutron irradiation on the structural and superconducting properties of Nb₃Sn |