



TECHNISCHE
UNIVERSITÄT
WIEN



Superconductivity Seminar

Summer Term 2017

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

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|----------------|---|
| 13. March 2017 | Michael Eisterer
Introduction |
| 27. March 2017 | Boris Brunner
Advanced MgB₂ Wires Made by Internal Magnesium Diffusion |
| 3. April 2017 | Mayraluna Lao
Current Limiting Mechanisms in Coated Conductors |
| 24. April 2017 | Daniel Kagerbauer
Doping Dependence of the Critical Currents
in Ba-122 Single Crystals |
| 8. May 2017 | Johannes Hecher
Anomalous Electronic Anisotropy
in Iron-Based Superconductors |
| 15. May 2017 | Klaus Frischauf
Magnetization of Various Magnetocaloric Materials |
| 22. May 2017 | Rainhard Kerschner (CERN)
Monitoring Techniques of Aged Cables in Irradiated
Environments
<i>jointly with the Seminar über Reaktorsicherheit</i> |
| 12. June 2017 | Mattia Ortino
Artificial Pinning in Nb₃Sn |
| 19. June 2017 | Patrick Ebermann (CERN)
Irreversible Degradation of Nb₃Sn Cables
after Transversal Stress Applied at Ambient Temperature |
| 26. June 2017 | Michael Eisterer
HTS vs. LTS: Physics, Technology, and Application Prospects
Plenary talk to be held at EUCAS 2017 |