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Hysteresis Design of Magnetic Materials for Efficient Energy Conversion

Tuesday, 20 Oct. 2020, 9:00 s.t., TU Darmstadt, Zoom



Prof. Dr. Martin Aeschlimann

**Department of Physics,
Experimental Physics**

University of Kaiserslautern, Germany

Spin in its collective environment

About the speaker:

Prof. Dr. Martin Aeschlimann is a full professor at the Department of Physics, TU Kaiserslautern. He studied physics at the ETH Zürich, where he also did his PhD and habilitation. He is the speaker of DFG Transregional Collaborative Research Center (SFB/TRR) 173 “Spin+X”. His research program is devoted to the investigation of ultrafast phenomena in solids, thin films and nanoparticles. This includes the combination of short-pulsed laser systems with surface science technology in order to develop novel methods for measuring ultrafast relaxation processes in real time with high temporal and spatial resolution. In “Spin+X” (<https://www.uni-kl.de/trr173/>) Advanced Spin Engineering is pursued, encompassing the whole range of spin research spanning from microscopic properties, to emergent spin phenomena and to the coupling to the macroscopic world.

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