

Presentations

updated: 15.09.2016 (PZ)

Family Name	Type	Title
Abendroth	Talk	Effect of ion-induced defects on the electronic transport properties of ALD thin films in the system $\text{TiO}_2\text{-SrTiO}_3$
Blaschke	Poster	Structural and electrical properties of ALD grown HfO_2 thin films
Chu	Lecture	Controllable Conduction at Complex Oxide Interfaces
DiVentra	Lecture	Memcomputing: a brain-inspired topological computing paradigm
Gemming	Talk	HZDR Status
Kämpfe	Poster	Giant resistive switching by conductive domain walls in exfoliated thin-film lithium niobate
Kats	Lecture	Tunable mid-infrared photonics with phase-transition materials
Krüger	Talk*	
Lokamani	Poster	Domain walls in SrMnO_3 thin films under epitaxial tensile strain
McLeod	Lecture	Insulator-metal phase coexistence probed by cryogenic near-field microscopy
Noga	Poster	A new ion-beam laboratory at the Slovak University of Technology
Pandey	Poster	High Magnetic Moment in Ferrimagnetic NiCo_2O_4 films via He Ion Irradiation
Potzger	Poster	Open volume defects in annealed and ion irradiated SrTiO_3 systems
Rayapati	Poster	Nonvolatile resistive switching to 105Ω OFF/ON resistance ratio in yttrium manganite thin films with downscaled top electrodes
Rensberg	Talk	In-situ electrical characterization of ion beam irradiated wire- and layer-like VO_2 structures
Rensberg	Poster	Spatially selective ion irradiation - Tuning thin films into inherently flat metadevices
Schmidt	Talk	Ion irradiated, non-volatile, analog resistive oxide switches for neuromorphic computing and fuzzy logics
Skaja	Poster	Avalanche-discharge-induced electrical forming in Ta_2O_5 based MIM structures
Slesazeck	Talk	The diversity of Nb_2O_5 -based Memristors
Slesazeck (2)	Talk	The negative aspects at the origin of hysteresis effects in FeFETs and niobium threshold switches
Waser	Lecture	Fundamental ingredients of redox-based memristive switching in metal oxides
Wuttig	Lecture	Novel Phase Change Materials by Design: The Mystery of Resonance Bonding
You	Talk	Non-volatile resistive switching in BiFeO_3 -based thin films and the reconfigurable logic application
Zhang	Poster	Defect-induced magnetism in SiC probed by nuclear magnetic resonance
Zhou	Poster	Defect induced magnetism in SiC
Lecture	6	40+10 min.
Talk	7	30+10 min.
Talk*	1	20+10 min.
Poster	11	Poster Session Monday, 1:30 p.m.

1) Posters can be mounted on arrival. The posters should be on display the whole time.

2) Please, remove your poster on Tuesday at latest 12:00.