

PSI Condensed Matter Retreat 2018 @ EMPA

Tuesday, 13 November 2018

Contributed talks: Session 1 (13:30 - 14:30)

time	[id] title	presenter
13:30	[7] Ultrafast charge localization in a valence fluctuating Eu-based material	Dr LINARES MARDEGAN, José Renato
13:50	[8] Ultrafast Mott transition in V2O3 by terahertz electric-field driven tunneling	Dr GIORGIANNI, Flavio
14:10	[9] Orbital dynamics during the laser induced insulator to metal transition	Dr PARCHENKO, Sergii

Contributed talks: Session 2 (15:30 - 16:30)

time	[id] title	presenter
15:30	[12] Time-resolved imaging of magnetic skyrmion and domain wall dynamics	Dr FINIZIO, Simone
15:50	[10] Damping modulation in magnetic thin films	Dr SAHA, Susmita
16:10	[11] Using POLDI as a tool for the development of advanced materials	Dr CAPEK, Jan

Wednesday, 14 November 2018

Contributed talks: Session 3 (09:00 - 10:00)

time	[id] title	presenter
09:00	[14] Temperature vs pressure phase diagram of FeSe _{1-x} S _x investigated by μ SR	Mr HOLENSTEIN, Stefan Patrick
09:20	[15] Electron-phonon coupling and polaronic effects in the bismuthate high-T _c superconductors	Dr NAAMNEH, Muntaser
09:40	[16] Signatures of the topological s ⁺ - superconducting order parameter in the type-II Weyl semimetal Td-MoTe ₂	Dr GUGUCHIA, Zurab

Contributed talks: Session 4 (11:30 - 12:30)

time	[id] title	presenter
11:30	[17] Ultrafast reversal of the ferroelectric polarization	Dr MANKOWSKY, Roman
11:50	[18] Element specific XUV transient grating spectroscopy	Dr BOHINC, Rok
12:10	[19] Ultrafast demagnetization of an iron-nickel composite probed with a single 2-color XFEL shot	Dr RÖSNER, Benedikt

Contributed talks: Session 5 (13:30 - 14:30)

time	[id] title	presenter
13:30	[20] Lasing in highly strained Ge microbridges	Mr ARMAND PILON, Francesco Taro
13:50	[21] Switching properties of photomagnetic molecular cubes: from thick films towards adsorbed monolayers	Dr DAFFÉ, Niéli
14:10	[22] Coherent quantum degrees of freedom in rare earth fluorides	Mr GRIMM, Manuel

Contributed talks: Session 6 (15:00 - 16:00)

time	[id] title	presenter
15:00	[23] Dimensional reduction in BaCuSi ₂ O ₆ investigated by neutron scattering	Mr ALLENSPACH, Stephan
15:20	[24] Multiferroicity in CoFe ₂ O ₄ -SrTiO ₃ self-assembled thin films	Dr MAUREL VELÀZQUEZ, Laura
15:40	[25] Exploring the electron transfer at cuprate/manganite interfaces with X-ray Linear Dichroism (XLD)	Ms GAINA, Roxana