

Joint annual meeting of Swiss and Austrian Physical Societies 2017

Wednesday 23 August 2017

Correlated-Electron Physics in Transition-Metal Oxides: I - Room 13 (14:00 - 16:15)

time	[id] title	presenter
14:00	[261] □601□ Resonant elastic x-ray scattering of oxide multilayers	Dr BENCKISER, Eva
14:30	[140] □602□ Breathing mode distortion and magnetic order in rare-earth nickelates RNiO_3	HAMPEL, Alexander
14:45	[198] □603□ Distortion mode analysis of the lattice anomalies across the metal-to-insulator transition in PrNiO_3	GAWRYLUK, Dariusz Jakub
15:00	[139] □604□ New magnetic phase in the nickelate perovskite TiNiO_3	KOROSEC, Lukas
15:15	[225] □605□ Interplay between the structural and metal-insulator transition in rare-earth nickelates	PEIL, Oleg
15:45	[106] □606□ Optical probe of correlations in rare-earth nickelates films	TEYSSIER, Jérémie
16:00	[159] □607□ Electronic structure of buried LaNiO_3 layers in (111)-oriented $\text{LaNiO}_3/\text{LaMnO}_3$ superlattices probed by soft x-ray ARPES	BRUNO, Flavio

Correlated-Electron Physics in Transition-Metal Oxides: II - Room 13 (17:00 - 18:30)

time	[id] title	presenter
17:00	[186] □611□ Ultrafast demagnetization dynamics in TbMnO_3	Dr ABREU, Elsa
17:15	[213] □617□ Metal-insulator transition in CaVO_3 thin films from DFT+DMFT	BECK, Sophie
17:30	[168] □613□ Oxygen-vacancy engineering in strained multiferroic SrMnO_3 thin films	Dr MAUREL, Laura
17:45	[234] □614□ Magnetic spiral order and multiferroism through impurity-induced frustration	MÜLLER, Markus
18:00	[118] □615□ Effect of epitaxial strain on the spin and spin-orbital excitations of Sr_2IrO_4 observed by Resonant Inelastic X-ray Scattering (RIXS)	Dr PARIS, Eugenio
18:15	[136] □616□ Investigation of Metal-Insulator transition in NaOsO_3 using Resonant X-Ray Diffraction	GURUNG, Namrata

Thursday 24 August 2017

Correlated-Electron Physics in Transition-Metal Oxides: III - Room 13 (10:45 - 12:15)

time	[id] title	presenter
10:45	[222] □621□ A Different Route to Unconventional Superconductivity: New Spectroscopy on Bismuth Oxides	Dr PLUMB, Nicholas
11:15	[246] □622□ Identifying detrimental effects for multiband superconductivity – Application to Sr ₂ RuO ₄	RAMIRES, Aline
11:30	[99] □623□ Hallmarks of Hund's coupling in the Mott insulator Ca ₂ RuO ₄	SUTTER, Denys
11:45	[342] □624□ Electronic Phase Separation and Dramatic Inverse Band Renormalization in the Mixed-Valence Cuprate LiCu ₂ O ₂	GATTI, Gianmarco
12:00	[154] □625□ Hubbard interactions from density-functional perturbation theory	TIMROV, Iurii