

Joint annual meeting of Swiss and Austrian Physical Societies 2017

Wednesday, 23 August 2017

Condensed Matter Physics (incl. NESY): I: Award Talks - Room 4 (14:00 - 16:30)

time	[id] title	presenter
14:00	[421] □101□ Quantum dots as sources of entangled photons	HUBER, Tobias J.
14:30	[422] □102□ Dynamic mesoscopic conductors: single electron sources, full counting statistics and thermal machines	HOFER, Patrick
15:00	[423] □103□ Reading and writing single atom magnets	Dr NATTERER, Fabian
15:30	[424] □104□ Nanofabricated model systems combined with single particle spectro-microscopy to visualize catalysis	KARIM, Waiz
16:00	[425] □105□ The early Universe in a multiferroic	Dr GRIFFIN, Sinéad M.

Thursday, 24 August 2017

Condensed Matter Physics (incl. NESY): II: TiSe₂ and Miscellanea - Room 4 (10:45 - 13:00)

time	[id] title	presenter
10:45	[426] □111□ Topological quantum states visualized by ARPES: from topological Kondo insulator to Weyl semimetal	XU, Nan
11:15	[144] □112□ A local real-space view of the periodic lattice distortion in 1T-TiSe ₂	Mr HILDEBRAND, Baptiste
11:30	[157] □113□ Evolution of the CDW in Sulfur substituted 1T-TiSe ₂ : A combined ARPES and STM/STS study	Mrs MOTTAS, Marie-Laure
11:45	[380] □114□ Strong inter-valley carrier scattering in high-temperature phase of 1T-TiSe ₂ disclosed by optical spectroscopy	Dr VELEBIT, Kristijan
12:00	[192] □115□ The role of many particle interactions in the integer quantum Hall effect regime	OSWALD, Josef
12:15	[208] □116□ Spectroscopic perspective on the interplay between electronic and magnetic properties of doped topological insulators	Mr KRIEGER, Jonas A.
12:30	[367] □117□ Exchange Bias Like Effect In Co:ZnO	BUCHNER, Martin
12:45	[252] □118□ All-electron benchmark results with nonlocal van der Waals functionals	Dr TRAN, Fabien

Condensed Matter Physics (incl. NESY): III: Magnetism - Room 4 (14:00 - 16:00)

time	[id] title	presenter
14:00	[427] □121□ Learning phase transitions by confusion	VAN NIEUWENBURG, Evert
14:30	[183] □122□ Nature of Ba ₃ MIr ₂ O ₉ (M=Sc,Y,In) ground state probed by μ SR.	ORAIN, Jean-Christophe
14:45	[123] □123□ Defects in spin chains	SIMUTIS, Gediminas
15:00	[302] □124□ Extending Haldane's conjecture to SU(3) spin chain systems	LAJKO, Miklos
15:15	[280] □125□ Role of the antisymmetric exchange in quantum spin liquids	Mr SZIRMAI, Péter
15:45	[97] □127□ Correlated decay of the triplet excitations in the frustrated quantum magnet SrCu ₂ (BO ₃) ₂	LANÇON, Diane

Friday, 25 August 2017

Condensed Matter Physics (incl. NESY): iV: NESY (X-rays & Neutrons) - Room 4 (11:15 - 13:15)

time	[id] title	presenter
11:15	[276] □131□ SLS-2: upgrade of the Swiss Light Source	STREUN, Andreas
11:30	[392] □132□ Beam-Induced Dynamics in Oxide Glasses	TIETZ, Christoph
11:45	[397] □133□ Atomic diffusion in alkali oxide glasses	HOLZWEBER, Katharina
12:00	[396] □134□ Electrode swelling during ion electrosorption in carbon based supercapacitors	KOCZWARA, Christian
12:15	[166] □135□ Speeding up transient absorption measurements by two orders of magnitude	Dr LANG, Bernhard
12:30	[251] □136□ Investigation of complex photonic structures in the extreme ultraviolet	Prof. RONALD, Meisels
12:45	[204] □137□ Full Elasticity Tensor from Thermal Diffuse Scattering	Dr WEHINGER, Björn
13:00	[373] □138□ Direct Path State Characterization in Neutron Interferometry	WAGNER, Richard