



Program

All talks are in "Hs 7 Schütte-Lihotzky Hörsaal", TU Wien, Karlsplatz 13, 1090 Vienna

Tuesday, April 22nd 2014

<i>Time</i>	<i>Speaker</i>	<i>Title of Presentation</i>	<i>Chair</i>
09:00 – 09:20	Registration		
09:20 – 09:30	Welcome Words		
09:30 – 10:30	Philipp Hansmann	The curious world of correlated materials	Angelo Valli
10:30 – 11:00	Thomas Schäfer	Divergent precursors of the Mott transition in DMFT and beyond	
11:00 – 11:30	Coffee Break		
11:30 – 12:00	Sarah Müller	Magnetic field effects on the current fluctuations of a Kondo quantum dot out of equilibrium	Ciro Taranto
12:00 – 12:30	Emanuele Maggio	The role of one-body Green functions in electron transfer processes	
12:30 – 14:00	Lunch Break		
14:00 – 15:00	Laura Filion	Novel entropy-driven phase behaviour in colloidal systems	Marta Montes Saralegui
15:00 – 15:30	Alice Redermeier	Interfacial free energies in the Fe _x Cu _{1-x} system from Monte Carlo simulations	
15:30 – 16:00	Moritz Antlanger	Classical two-dimensional Wigner crystals formed by an equimolar binary mixture	
16:00 – 16:30	Coffee Break		
16:30 – 17:00	Silvano Ferrari	Gel and solid structures formation with colloidal particles with heterogeneously charged surfaces (IPCs)	Alice Redermeier
17:00 – 17:30	Marta Montes Saralegui	Compression experiments on ultrasoft cluster crystals	
17:30 – 18:00	Ulf R. Pedersen	Computing the rate along a reaction coordinate with a bias potential	

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10:00 – 11:00	Georg Madsen	The XC in DFT	Felix Hummel
11:00 – 11:30	Leif Eric Hintzsche	Defect states at γ -c-Si/a-SiN:H interfaces	
11:30 – 12:00	Coffee Break		
12:00 – 12:30	Felix Hummel	Diagrammatic Method to the SOSEX Energy in the Uniform Electron Gas	Fabien Tran
12:30 – 13:00	Paolo Piovano	The Structure of Ground States in 2d-Cubic Systems	
13:00 – 14:30	Lunch Break		
14:30 – 15:30	Takeshi Sato	Time-dependent wavefunction theories of atoms and molecules in intense laser fields	Florian Libisch
15:30 – 16:00	Georg Wachter	Electron rescattering at metal nanotips induced by ultrashort laser pulses	
16:00 – 16:30	Larisa Chizhova	Nonlinear optical response of graphene nanostructures to an ultrashort laser pulse	
16:30 – 18:30	Poster Presentations @ Nelson's		
18:30	Conference Dinner @ Nelson's		

Young Researchers Meeting

Vienna, April 22nd & 23rd 2014
