

Day 1 – Thursday, April 20 2017

10:30 - 11:00			Coffee & Arriving
11:00 - 11:35	G. Kresse	p02	<i>Forces in the RPA and application to organic perovskites</i>
11:35 - 12:10	J. Tomczak	p03	<i>Ab initio dynamical vertex approximation</i>
12:10 - 13:45			Lunch Break
13:45 - 14:30	P. Zihlerl	guest	<i>Two-lengthscale soft-matter quasicrystals</i>
14:30 - 15:05	P. Hansmann	p16	<i>Emergence of unconventional d-wave superconductivity: The role of (true) long range interactions in the alpha phase of X:Si(111)</i>
15:05 - 15:35			Coffee Break
15:35 - 16:10	D. Toneian	p14	<i>Magnetically Functionalized Star-Polymers Under Shear</i>
16:10 - 16:45	L. Linhart	p05	<i>Accurate defect modeling in graphene</i>
16:45 - 17:45			General Meeting
18:00 - 19:00			Hotel Check In
19:00 - open end			Workshop Dinner

Day 2 – Friday, April 21 2017

09:00 - 09:45	E. Zojer	guest	<i>Electrostatic design of organic semiconductors and hybrid interfaces</i>
09:45 - 10:03	F. Tran	p07	<i>Combination of nonlocal van der Waals functionals and the LAPW method</i>
10:03 - 10:20	M. Bagheri	p07	<i>DFT calculations of energy dependent XPS valance band spectra</i>
10:20 - 10:55	Q. Lin	p13	<i>Shape analysis of critical copper nucleus in dilute Fe-Cu alloys</i>
10:55 - 11:25			Coffee Break
11:25 - 12:18	L. Exl & T. Schrefl	p06 & p12	<i>Micromagnetics for permanent magnets</i>
12:18 - 13:10	J. Majer & J. Gugler	p06 & p09	<i>Probing Spin-Phonon Interaction at the Quantum Limit with Light-Matter Interaction</i>
13:10 - 14:40			Lunch Break
14:40 - 15:15	V. Zauner	p04	<i>Anomalous dynamical phase in quantum spin chains with long-range interactions</i>
15:15 - 15:33	M. Reticcioli	p15	<i>Polaron-mediated surface reconstruction in TiO₂</i>
15:33 - 15:50	A. Smolyanyuk	p15	<i>Ab-initio prediction of the high-pressure phase diagram of BaBiO₃</i>