

Monday • September 19, 2016		
UNI	8:30 a.m.	Registration (with Coffee)
	9:00 a.m. – 9:15 a.m.	<b>Hiddenori Takagi</b> MPI for Solid State Research Stuttgart, Germany <b>Opening</b>
Topological Spin Liquid	9:15 a.m. – 9:50 a.m.	<b>Tomohiro Takayama</b> MPI for Solid State Research Stuttgart, Germany <b>New quantum spin liquid <math>\text{H}_3\text{LiIr}_2\text{O}_6</math> and relevance to Kitaev physics</b>
	9:50 a.m. – 10:25 a.m.	<b>Maria Hermanns</b> University of Cologne, Germany <b>Quantum spin liquids and Majorana metals</b>
		Coffee
	10:45 a.m. – 11:20 a.m.	<b>Yong Baek Kim</b> University of Toronto, Canada <b>Quantum spin liquid in hyperkagome and honeycomb iridates</b>
MPI	12:30 p.m. – 1:30 p.m.	<b>Walk to MPI &amp; Lunch</b> <b>Poster &amp; Coffee</b>
	1:30 p.m. – 2:05 p.m.	<b>Yoichi Ando</b> University of Cologne, Germany <b>Recent progress in experimental studies of topological insulators and superconductors</b>
	2:05 p.m. – 2:40 p.m.	<b>Masatoshi Sato</b> Kyoto University, Japan <b>Topological superconductivity in materials with strong spin-orbit coupling</b>
	2:40 p.m. – 3:15 p.m.	<b>Takeshi Mizushima</b> Osaka University, Japan <b>Topology and symmetry in unconventional superfluids and superconductors</b>
New Topological Materials	3:45 p.m. – 4:20 p.m.	<b>Claudia Felser</b> MPI for Chemical Physics of Solids Dresden, Germany <b>Topology – from the materials perspective</b>
	4:20 p.m. – 4:55 p.m.	<b>Roderich Moessner</b> MPI for the Physics of Complex Systems Dresden, Germany <b>Dynamics of a topological spin liquid</b>
Special Topics		Coffee
		<b>Yoshida Tsuneya</b> Study of topological crystalline insulators with electron correlations
	5:10 p.m. – 6:30 p.m.	<b>Clifford Hicks</b> Lifting Lattice Symmetries with Uniaxial Pressure
		<b>Kentaro Kitagawa</b> New spin liquids on honeycomb iridates as seen by NMR
		Buffet (Dinner) / MPI tour / Discussions

Tuesday • September 20, 2016		
MPI	8:30 a.m.	Discussions (with Coffee)
	9:00 a.m. – 9:35 a.m.	<b>Yoshiteru Maeno</b> Kyoto University, Japan <b>Current Topics on <math>\text{Ca}_2\text{RuO}_4</math> and <math>\text{Sr}_2\text{RuO}_4</math></b>
	9:35 a.m. – 10:10 a.m.	<b>Dirk Manske</b> MPI for Solid State Research Stuttgart, Germany <b>Novel Josephson and proximity effect using triplet superconductors</b>
		Coffee
Topological Superconductivity II	10:45 a.m. – 11:20 a.m.	<b>Andrew P. Mackenzie</b> MPI for Chemical Physics of Solids Dresden, Germany <b>Strain tuning of superconductivity in <math>\text{Sr}_2\text{RuO}_4</math></b>
	11:20 a.m. – 11:55 a.m.	<b>Manfred Sigrist</b> ETH Zurich, Switzerland <b>Chiral superconductors - A closer look on some intriguing features</b>
	12:30 p.m. – 1:30 p.m.	<b>Lunch</b> <b>Poster &amp; Coffee</b>
	1:30 p.m. – 2:05 p.m.	<b>Laurens Molenkamp</b> Würzburg University, Germany <b>Topological Physics in HgTe-based Quantum Devices</b>
Topological Edge States I	2:05 p.m. – 2:40 p.m.	<b>Koji Muraki</b> NTT Basic Research Laboratories, Japan <b>Engineering a quantum spin Hall insulator with InAs/GaSb type-II quantum wells</b>
	2:40 p.m. – 3:15 p.m.	<b>Markus Morgenstern</b> RWTH Aachen, Germany <b>Weak topological insulators: Status and perspectives</b>
		Coffee
	3:45 p.m. – 4:20 p.m.	<b>Toshimasa Fujisawa</b> Tokyo Institute of Technology, Japan <b>Non-equilibrium charge and spin dynamics in a quantum-Hall Tomonaga-Luttinger liquid</b>
Topological Edge States II	4:20 p.m. – 4:55 p.m.	<b>Atsushi Tsukazaki</b> Tohoku University, Japan <b>Quantum anomalous Hall effect in topological insulator Cr-doped <math>(\text{Bi,Sb})_2\text{Te}_3</math> heterostructures</b>
		Coffee
Special Topics		<b>Aline Ramires</b> Detrimental effects for multiband superconductivity
	5:10 p.m. – 6:30 p.m.	<b>Yuya Ominato</b> Quantum transport in Dirac-Weyl semimetal magnetic junction
		<b>Daichi Kurebayashi</b> Charge-induced spin torque and voltage-driven magnetization dynamics in Weyl semimetals
		<b>Masaki Tezuka</b> Route to realize the Sachdev-Ye-Kitaev model in ultracold gases
		Dinner

Wednesday • September 21, 2016		
MPI	8:30 a.m.	Discussions (with Coffee)
	9:00 a.m. – 9:35 a.m.	<b>Satoshi Fujimoto</b> Osaka University, Japan <b>Torsional responses in Weyl semimetals and Weyl superconductors</b>
	9:35 a.m. – 10:10 a.m.	<b>Leslie Schoop</b> MPI for Solid State Research Stuttgart, Germany <b>Non-symmorphic Dirac materials</b>
		Coffee
Weyl and Dirac Systems	10:45 a.m. – 11:20 a.m.	<b>Elena Hassinger</b> MPI for Chemical Physics of Solids Dresden, Germany <b>Fermi surface topology and chirality in putative Weyl semimetals</b>
	11:20 a.m. – 11:55 a.m.	<b>Andreas Schnyder</b> MPI for Solid State Research Stuttgart, Germany <b>Three-dimensional topological Dirac materials</b>
	12:30 p.m. – 1:30 p.m.	<b>Lunch</b> <b>Poster &amp; Coffee</b>
	1:30 p.m. – 2:05 p.m.	<b>Rajib Batabyal</b> Weizmann Institute of Science, Rehovot, Israel <b>Probing the topological Fermi-arcs via scattering processes in the Weyl semimetal TaAs</b>
Odd Parity Superconductivity, Cold Atom Systems	2:05 p.m. – 2:40 p.m.	<b>Koichi Izawa</b> Tokyo Institute of Technology, Japan <b>Nodal structures and Fermi surfaces in actinide superconductors</b>
	2:40 p.m. – 3:15 p.m.	<b>Yuki Kawaguchi</b> Nagoya University, Japan <b>Spin Hall effect in a spinor dipolar Bose-Einstein condensate</b>
		Coffee
	3:45 p.m. – 4:20 p.m.	<b>Tilman Pfau</b> University of Stuttgart, Germany <b>Dipolar quantum gases and liquids of ultracold magnetic atoms</b>
Topological Mott	4:20 p.m. – 4:55 p.m.	<b>Norio Kawakami</b> Kyoto University, Japan <b>Topological Mott insulators in one and two dimensions</b>
	4:55 p.m. – 5:10 p.m.	<b>Norio Kawakami</b> Kyoto University, Japan <b>Closing</b>
	5:10 p.m. – 6:30 p.m.	<b>Conference Dinner &amp; Discussions</b>