

**Celebrating Physics with a Good Excuse", Symposium at PSI
July 3 – 6, 2017, Paul Scherrer Institut**

Programm

Monday, July 3, 2017

09.30 h	Christian Rüegg	New Phases of Magnetic Quantum Matter
10.30 h	<i>Coffee</i>	
11.00 h	Ming Shi	Topological phases and associated low-energy excitations in condensed matter
12.00 h	Amir Yacoby	A New Spin on Superconductivity
13.00 h	<i>LUNCH BREAK</i>	
14.30 h	Atac Imamoglu	Polaritonic excitations in the quantum Hall regime
15:30 h	<i>Coffee</i>	
16.00 h	Moty Heiblum	Observed quantization of heat flow in FQHE
17.00 h	Bernd Rosenow	Theory of quantum Hall interferometers: subperiods and apparent electron pairing

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Tuesday, July 4, 2017

09.30 h	Richard Hahnloser	The computational complexity of birdsong learning
10.30 h	Coffee	
11.00 h	David Nelson	Non-Hermitian Localization in Biological Networks
12.00 h	Piet Brouwer	Reflection symmetric-order topological insulators and superconductors
13.00 h	LUNCH BREAK	
14.30 h	Stanislas Leibler	Title to be announced
15:30 h	Coffee	
16.00 h	Edouard Brézin	Critical wetting, an old story without a good ending
17.00 h	Jürg Fröhlich	Chiral Anomaly, Topological Field Theory, and Novel States of Matter
18.30 h	Banquet	OASE – PSI

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Wednesday, July 5, 2017

09.30 h	Markus Müller	The many body localization transition: A dynamical phase transition beyond standard paradigms
10.30 h	Coffee	
11.00 h	John Chalker	Classical loop models and quantum magnets."
12.00 h	Tom C. Lubensky	Topological Mechanics of Critically Coordinated Lattices
13.00 h	LUNCH BREAK	
14.30 h	Thierry Giamarchi	Tomonaga-Luttinger liquids: from condensed matter to cold atomic gases
15:30 h	Coffee	
16.00 h	Ady Stern	Pairing and clustering in quantum wires and in non-abelian quantum Hall states
17.00 h	Herb Fertig	Magnetic Ordering on the Surface of a Topological Crystalline Insulator

Thursday, July 6, 2017

09.30 h	Marcello Porta	Edge universality in interacting topological insulators
10.30 h	Coffee	
11.00 h	Steve Simon	The Search For Exotic Quantum Statistics
12.00 h	Nick Read	Recent results in spin glass theory
13.00 h	LUNCH BREAK	
14.30 h	Visit of PSI facilities	

Symposium closes at 17:30.