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# Workshop on Interacting Fermions: Precision Theory and Experiment | (smr 2708)

## Tuesday 07 July 2015

### Day 2 - Adriatico Guest House - Kastler Lecture Hall (09:00-19:00)

time	title	presenter
09:00	Dynamics of a Quantum Spin Liquid	J. KNOLLE
09:45	Anderson Localization in Realistic Model Systems	M. JARRELL
10:30	Coffee break	
11:00	Diagrammatic Monte Carlo for Fermionic and Fermionized Systems	B. SVISTUNOV
11:45	From Many-Body Localization to Long-Range Interacting Rydberg Gases - New Frontiers for Ultracold Quantum Gases	I. BLOCH
12:30	Lunch	
14:00	Spin-spin correlations, spin-orbit coupling, and metal-insulator transitions in the $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$ system	H. TJENG
14:45	Optical lattice modulation spectroscopy of interacting fermions in 1D	R. CITRO
15:15	Coffee break	
15:45	Mott physics and spin fluctuations: a unified framework	T. AYRAL
16:30	Poster Session/Freetime/Discussions	