

# Condensed Matter Seminar

Fall Term 2014, Wednesday 3:30-5:00 pm, Room 330 Allen

Date	Speaker	Title
10.9.2014	Felix Andraschko (JS)	Disorder in correlated quantum systems and many-body localization
17.9.2014	Ryan Desautels (JvL)	Interfacial metal silicates; their formation and effects on the microstructure and magnetic properties of FeCo core SiO <sub>2</sub> shell nanoparticles
24.9.2014	Yang Zhao (JS)	Ground state properties of the honeycomb spin ladder and the two-bath spin boson model
1.10.2014	John Page	Anderson localization of ultrasound in three dimensions: an introduction
8.10.2014		Talk by Zlatko Papić postponed to Oct 22
15.10.2014	—	Instead of a Cond. Mat. seminar we have an additional colloquium by K. Freeman
22.10.2014	Zlatko Papić (Perimeter Institute)	Entanglement in topological phases and interacting quantum disordered systems
29.10.2014	Vinod Paidi (JvL)	Magnetism mediated by majority [Fe <sup>3+</sup> + V <sub>O</sub> <sup>2-</sup> ] complexes in Fe-doped CeO <sub>2</sub> nanoparticles
5.11.2014	Bimu Yao (CMH)	New method to measure complex permittivity and permeability of nanoparticles
12.11.2014	Lihui Bai (CMH)	Electrical detection of spin dynamics in YIG/Pt bilayer
19.11.2014	Lingjun Zhou	The spin Hall effect
26.11.2014	Jesko Sirker	Cs <sub>2</sub> CuCl <sub>4-x</sub> Br <sub>x</sub> : A frustrated Heisenberg magnet on an anisotropic triangular lattice
3.12.2014	Herb Fertig (Indiana U)	Topological Edges and Defects of Quantized Hall States in Graphene

Everyone is welcome to attend!