


INT Program INT 15-1

Frontiers in Quantum Simulation with Cold Atoms

March 23 – May 8, 2015



Monday, April 13, 2015

Room C-421, Physics/Astronomy Tower

- 9:30am Andrew Ho, Royal Holloway, University of London
“Dynamics of Thermalization and Decoherence of a Nanoscale System”
- 10:45am Yi Li, Princeton University
“3D Quantum Hall effect”

Tuesday, April 14, 2015

Room C-421, Physics/Astronomy Tower

- 9:30am Paul Julienne, NIST/University of Maryland
“Dy or Er with dense sets of (chaotic) overlapping resonances”
- 10:45am Ippei Danshita, Kyoto University
“Higgs bound states and heavy solitons of Bose gases in optical lattices”

Wednesday, April 15, 2015

Room C-421, Physics/Astronomy Tower

- 9:30am Dane Hudson Smith, Ohio State University
“Inducing Resonant Interactions in Ultracold Atoms with a Modulated Magnetic Field”
- 10:45am Wei Zheng, Institute for Advanced Study, Tsinghua University
“Landau-Beliaev damping in Bose-Fermi superfluid mixture”

Thursday, April 16, 2015

Room C-421, Physics/Astronomy Tower

- 9:30am Carlos Sa de Melo, Georgia Institute of Technology
“Effects of spin-orbit coupling on the BKT transition”
- 10:45am Fei Zhou, University of British Columbia
“A Rigorous Solution to Unitary Bose Gases via Epsilon Expansion”

Friday, April 17, 2015

Room C-421, Physics/Astronomy Tower

- 9:30am TBA

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