

INT Program INT 15-1

Frontiers in Quantum Simulation with Cold Atoms

March 23 – May 8, 2015

Monday, May 4, 2015

Room C-421, Physics/Astronomy Tower

- 9:30am Eugene Zaremba, Queen's University
"Probing the Optical Conductivity of Harmonically-confined Quantum Gases"
- 10:30am Qi Zhou, The Chinese University of Hong Kong
"Unconventional quantum phenomena of ultracold atoms with synthetic gauge fields"

Tuesday, May 5, 2015

Room C-421, Physics/Astronomy Tower

- 9:30am Doerte Blume, Washington State University
"Static and dynamic properties of one-dimensional ultracold few-atom systems"
- 10:30am Han Pu, Rice University
"Strongly interacting quantum gases in 1D traps"

Wednesday, May 6, 2015

Room C-421, Physics/Astronomy Tower

- 9:30am Peng Zhang, Renmin University of China
"Few-body problems in ultracold alkali-earth atoms and the mixture of ultracold Bose and Fermi Superfluids"
- 10:30am Erhai Zhao, George Mason University
"Competing phases in dipolar quantum gas"

Thursday, May 7, 2015

Room C-421, Physics/Astronomy Tower

- 10:00am Shina Tan, Georgia Institute of Technology
TBA

Friday, May 8, 2015

Room C-421, Physics/Astronomy Tower

Open Discussions

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