

INT Program INT13-2a

Advances in quantum Monte Carlo techniques for non-relativistic many-body systems

July 22 - 26, 2013

Monday, July 22, 2013

Room C421, Physics/Astronomy Tower

- 9:55 am: Greetings and brief introduction
- 10:00 am: Shiwei Zhang, College of William and Mary
"Recent progress in auxiliary-field quantum Monte Carlo"

Tuesday, July 23, 2013

Room C421, Physics/Astronomy Tower

- 10:00 am: Robert Wiringa, Argonne National Laboratory
"Nuclear Quantum Monte Carlo"

Wednesday, July 24, 2013

Room C421, Physics/Astronomy Tower

- 10:00 am: Ferran Mazzanti, Universitat Politecnica de Catalunya
"Microscopic Description of Anisotropic Quantum Bose Dipoles in 2D"

Thursday, July 25, 2013

Room C421, Physics/Astronomy Tower

- 10:00 am: Peter Lepage, Cornell University
"Renormalization for non-relativistic systems"
- 11:30 am: Abhishek Mukherjee, ECT*
"Quantum Monte Carlo in momentum space and on the Lefschetz thimble"

Friday, July 26, 2013

Room C421, Physics/Astronomy Tower

- 10:00 am: Dietrich Roscher, Institut fuer Kernphysik, TU Darmstadt
"Tackling the sign problem of ultracold Fermi gases with mass-imbalance"

Please send your talks to janine@phys.washington.edu or bring them to me in C411.

INT Program INT13-2a Participants July 22 -26, 2013

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Please send a .pdf or .ppt of your presentation to janine@phys.washington.edu or bring it to me in C411. Thanks!