

INT Program INT-16-2b Week 3

The Phases of Dense Matter

July 11 - August 12, 2016

ALL TALKS WILL BE HELD IN C-520

Monday, July 25, 2016

9:00 AM "Thermal and transport properties of neutron star matter"
Sanjay Reddy, Institute for Nuclear Theory

3:00 PM Cookies and informal discussion

Tuesday, July 26, 2016

9:00 AM "Cooling of compact stars: effects of dense QCD and axions"
Armen Sedrakian, University of Frankfurt

9:45 AM "Exploring phases with transport coefficients"
Sreemoyee Sarkar, TIFR

3:00 PM Cookies and informal discussion

Wednesday, July 27, 2016

9:00 AM "Vortex pinning"
Kazuyuki Sekizawa, Warsaw University of Technology

3:00 PM Cookies and student talks in C520

- Spencer Beloin, "Constraining Superfluidity in Dense Matter from the Cooling of Isolated Neutron Stars" [3:00 pm]
- Ilaria Caiazzo, "Pulsar glitches and EOS" [3:20 pm]
- Alexander Haber, "Instabilities in two-component superfluids" [3:40 pm]

Thursday, July 28, 2016

9:00 AM "Transport properties in magnetic fields"
Ho-Ung Yee, University of Illinois at Chicago

9:45 AM "Neutral Goldstone modes of CFL phase in a magnetic field"
Srimoyee Sen, University of Arizona

3:00 PM Cookies and informal discussion

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Friday, July 29, 2016

- 9:00 AM "r-modes"
Nils Andersson, University of Southampton
- 9:45 AM "Damping of r-modes via phase conversion"
Sophia Han, The University of Tennessee, Knoxville
- 3:00 PM Cookies and informal discussion