

National Workshop titled:
“Materials and devices on nanoscale”
June 16, 2014
Northwestern University, Evanston IL, USA

Program

- 08:00** *Registration*
- 08:30** *Serhii Shafraniuk, Opening remarks*
- 08:40-09:25** *John Ketterson, Physics and Astronomy Department, Northwestern University, USA*
Title: “Nanomagnets”
- 09:25-10:10** *James Sauls, Physics and Astronomy Department, Northwestern University, USA*
Title: “Quantum Processes in Josephson Point Contacts”
- 10:10-10:45** *Break and Posters (35 minutes)*
- 10:45-11:30** *Venkat Chandrasekhar, Physics and Astronomy Department, Northwestern University, USA*
Title: “Charge-vortex duality at the LaAlO₃/SrTiO₃ interface”
- 11:30-12:15** *Serhii Shafraniuk, Physics and Astronomy Department, Northwestern University, USA*
Title: “Sensing and Thermoelectric Applications of Atomic Monolayer Materials”
- 12:15-13:15** *Break and Lunch (1 hour)*
- 13:15-14:00** *Jens Koch, Physics and Astronomy Department, Northwestern University, USA*
Title: “Understanding degenerate ground states and protection in new superconducting quantum circuits”
- 14:00-14:45** *William Halperin, Physics and Astronomy Department, Northwestern University, USA*
Title: “Nanoscale engineering of new unconventional superconducting phases of helium three”
- 14:45-15:30** *Break and Posters (45 minutes)*
- 15:30** *Wrap-up, General Discussion*

Bookmark your dates for

Materials Science-2014

October 06-08, 2014 San Antonio, USA