

# Agenda for Junior Day at the CES Fall Workshop 2013

- 08:30 am** John P. Hill, BNL  
*"Insights on spin dynamics in cuprates and pnictides using Resonant Inelastic X-ray Scattering"*
- 09:25 am** Chris Homes, BNL  
*"Optical properties of cuprate and iron-based superconductors"*
- 10:20 am** Coffee
- 10:40 am** Vivek Mishra, ANL  
*"Effect of pseudogap on superconductivity in cuprates"*
- 11:10 am** Adam Weis, UIUC  
*"Noise Spectroscopy of Condensed Matter Systems"*
- 11:40 am** Freek Masee, Cornell/BNL  
*"Imaging Cooper pairing of heavy fermions in CeCoIn5"*
- 12:10 pm** Lunch
- 01:50 pm** Ulrich Welp, ANL  
*"Introduction to Vortex Pinning"*
- 02:45 pm** Alexei Koshelev, ANL  
*"Theory and simulations of vortex pinning"*
- 03:40 pm** Coffee
- 04:00 pm** Maxime Leroux, ANL  
*"Doubling the critical current density of high temperature superconducting coated conductors through proton irradiation"*
- 04:30 pm** John Schneeloch, BNL  
*"Neutron scattering of  $K0.8Fe1.6Se2$ : Spin Waves and Magnetic Resonance"*
- 05:00 pm** Hryhoriy Polshyn & Can Zhang, UIUC  
*"Superconducting Fe(SeTe) thin films grown by MBE: growth, properties and nanodevice manufacturing"*
- 05:30 pm** End
- 6:00-8:00 pm** Welcome Reception, Berkner Hall, Bldg. 488