

## Schedule for Junior Researcher Symposium

Sunday - 11/9

6:30 pm - junior networking night. Meet at **Hampton Inn**, to continue on to **Big Grove Tavern**.

8-10pm - Reception in Hampton Inn

Monday - 11/10

**Room 190 ESB**

8:45 am - Welcome

Vortices talks

9:00-9:30 - Freek Masee (BNL) - "Atomic-scale visualization of the high-energy ion track vortex pinning for critical-current enhancement in iron-based superconductors"

9:30-10:00 - Maxime Leroux (ANL) - TBA

10:00-10:25: Coffee break

10:25-11:10 - Leonardo Civale (LANL) - TBA

11:10-11:40 - Vivek Mishra (ANL) - TBA

Lunch

11:45-1:15 – box lunches in room **280 MRL**; set up posters in the hall outside this room

~1:15 - return to **190 ESB**

[Note: Laura Greene was scheduled to give a talk on "Publishing in Peer-Reviewed Journals", but she was not able to attend. Slides for the talk will be available on the web site.]

Mechanisms of superconductivity talks

1:30-2:15 - Warren Pickett (UC Davis) - TBA

2:15-2:45 - JiHwan Kwon (UIUC) - "Atomic-Scale Characterization of Defects in High-T<sub>c</sub> Superconductors using STEM/EELS"

2:45-3:15 - Sean Vig (UIUC) – TBA

3:15-3:40 - Coffee

Materials Genome Initiative (MGI) talks

3:45-4:30 - Lucas Wagner (UIUC) - "Computational techniques for correlated electron systems"

4:30-5:00 - Norm Tubman (UIUC) - "Ab Initio Studies of the Hydrogen Phase Diagram"

5:00-5:30 - Xiang Leng (BNL) - "Insulator to Metal Transition in WO<sub>3</sub> Induced by Electrolyte Gating"

5:30-7:30 - poster session in hall outside **280 MRL**