CES Fall 2014 Annual Meeting Agenda
November 9 – 12, 2014, Urbana, IL

Sunday evening 11/2 (Hampton Inn): ***8:00 pm*** JRS Welcome reception

Monday 11/3 (ESB): JRS (Sean Vig, Karen Khilstrom, and John Schneeloch, co-chairs)

Monday night (ESB): ***5:30 pm*** Welcome Reception / Junior Poster Session

Tuesday 11/4 (ESB):

8:30a Welcome / logistics / safety
(*Peter Abbamonte*)
8:40 CES overview and charge
(*Peter Johnson*)
9:00 IAB-Institutional Advisory Board- presentations
(*Peter Schiffer, UIUC; Peter Littlewood, ANL; and Jim Misewich, BNL*)

MGI: *Peter Abbamonte*, Chair

9:15a Overview, charge, accomplishments to date
(*Jim Eckstein*)
10:00 Mechanisms MGI overview
(*Steve Kivelson, Stanford*)
10:30 Coffee Break
11:00 DMFT: Short overview, accomplishments, Sulfur, new materials?
(*Gabi Kotliar*)
11:45 QMC: Short overview and plans
(*Lucas Wagner*)
12:15p Working Lunch to discuss MGI
1:30 Growth capabilities for MGI
(*Cedomir Petrovic; BNL; Duck Young Chung, ANL; Daniel Shoemaker, UIUC*)
2:30 MGI Discussion/Roundup
(*Steve Kivelson, Zach Fisk, Warren Picket, Allen Goldman* on Panel;
Peter A. at board as we delineate ideas and work plans)
3:30 Coffee Break

Mechanisms I: *Peter Johnson*, Chair

4:00 Overview, charge, accomplishments to date
(*John Tranquada*)
4:45 STM studies of density-wave order in pseudogap
(*Séamus Davis*)
5:15 Using EELS results to model ARPES in Bi2212
(*Peter Abbamonte*)
5:30 Investigating states above E_F with pump-probe ARPES in Bi2212
(*Jon Rameau*)
5:45 RIXS investigations of magnetic excitations in LSCO and BSCCO
(*Mark Dean*)
6:00 Further discussion
6:15 Adjourn

7:00 Reception and Banquet (Beckmann)

9:00 Ex Com / IAB / EAB discussions (Beckmann or Hampton)

Wednesday 11/5 (Beckmann)
Mechanisms II: *John Tranquada*, Chair

8:30 a Current theoretical issues
(*Mike Norman*)

9:15 Superconductivity in a semiconductor? LiFeAs
(*Philip Phillips*)

9:30 Mechanisms Discussion/Roundup
(*Zach Fisk, Warren Picket, Allen Goldman* on Panel:
John Tranquada at board as we delineate ideas and work plans)

10:45 Coffee Break

Vortices: *Wai Kwok*, Chair

11:00 Overview - "Critical Current by Design"
(*Ulrich Welp*)

11:15 Overview – "Visualizing the Atomic-scale Influence on Superconductivity and Vortex Pinning of High-Energy Ion Irradiation in FeSeTe"
(*Séamus Davis*)

11:30 "2G Wire – R&D to Commercial Applications"
(*Martin Rupich, AMSC*)

11:40 "Recent Progress in 2G HTS Wire Development at SuperPower"
(*Yifei Zhang, Superpower*)

11:50 "Iron-based Superconductors: Fundamental Properties and Potential Applications"
(*Chiara Tarantini, NHMFL*)

12:00 "Vortex dynamics in YBCO films and coated conductors with different pinning landscapes"
(*Leonardo Civale, LANL*)

12:10 Discussions & wrap-up

12:30 Working lunch

1:30 CES Work plan discussions and task delineations
(Peter Johnson and Peter Abbamonte)

3:30 Adjourn