

**Agenda for the Main CES Workshop**  
**Physics Department Large Seminar Room**

**Wednesday 20<sup>th</sup> November**

06:00 p.m.     *Welcome Reception*  
Berkner Hall Main Lobby, Bldg. 488

**Thursday 21<sup>st</sup> November**

09:00 a.m.     *CES Management Overview, etc.*  
Seamus Davis/Peter Johnson

09:45 a.m.     *Effect of the pseudogap on  $T_c$  in the cuprates and implications for its origin*  
Mike Norman

10:15 a.m.     *X-ray scattering studies of high-energy spin excitations in cuprates*  
John Hill

10:45 a.m.     *Break*

11:00 a.m.     *Exploratory Synthesis of Metal Borides and Carbides: Search for New Superconductors*  
Duck Young Chung

11:30 a.m.     *Planar defects and interstitial oxygen doping in high temperature superconductors*  
Jim Zuo

12:00 p.m.     *Lunch*

01:30 p.m.     *Future plans for Vortex Matter Research*  
Wai-Kwok Kwok

01:45 p.m.     *Vortex pinning with artificially induced composite defects*  
Ulrich Welp

02:15 p.m.     *Numerical simulations of strong Vortex pinning*  
Alexei Koshelev

02:45 p.m.     *Amperium ® wire for Industrial Applications*  
Steve Fleischer/Marty Rupich

03:15 p.m.     *Break*

03:30 p.m.     *Materials Genome Intro*  
James Eckstein

03:45 p.m.     *TBA*  
David Ceperley

04:30 p.m.     *Theoretical spectroscopy and theory guided material design*  
Gabriel Kotliar

06:00 p.m. *Posters/Drinks*  
Berkner Hall Main Lobby, Bldg. 488

07:00 p.m. *Dinner*  
Berkner Hall Main Dining Room, Bldg. 488

**Friday 21<sup>st</sup> November**

08:45 a.m. *Towards a unified understanding of correlated superconductivity*  
Seamus Davis

09:30 a.m. *Studies of meV electronic excitations with angle-resolved inelastic electron scattering*  
Peter Abbamonte

09:55 a.m. *Challenges along the road to a universal mechanism*  
John Tranquada

10:20 a.m. *Break*

10:45 a.m. *Discussion of the Renewal Proposal*

12:00 p.m. *Boxed Lunch*