



UCDAVIS

Computational Materials Science Network:

Predictive Capability for Strongly Correlated Electron Materials

Fall 2007 Coordination Meeting, University of California Davis

Special Thanks To:

- Georgie Tolle
- Onelia Yan
- Sergei Savrasov
- Bernd Hamann and Barry Klein

(University of California Davis, Office of Vice Chancellor for Research)

Signature Problem: Mott Transition in MnO

Thrust A: Multielectron Magnetic Moments Thrust B: Dynamic Effects in Strongly Correlated Materials Initial Funding: Summer 2006

Activities

Coordination Meetings (Satellites of March APS meetings)

- Denver 2007: 26 CMSN talks (1 Invited)
- New Orleans 2008: Planned

Twelve Publications

Fourteen Invited Presentations

Essential to Encourage Further Inter-Institution Collaborations

- Postdoctoral Exchange
- Student Exchange

One important goal of meeting: Arrange extended visits

- * For funding: Short (1-2 paragraph) description to Pickett/Scalettar
- * Typical budget: \$1000-\$2000