Lawrence Livermore National Laboratory

# Mesoscale Science Workshop

**Breakout Panel 1:** Super-Grain Structures and Collective Microstructural Phenomena
**B170 R2107**

**August 13th, 2013**

2:40 p.m. Overview and Charge to the Panel

3:00 p.m. Topic 1: Granular Systems (20 min. per speaker)
**T. Antoun (LLNL), D. Penumadu (UTenn), C. Schuh (MIT)**

4:00 p.m. Audience Input and Panel Discussion

4:30 p.m. Topic 2: Microstructures and Mechanics (20 min. per speaker)
**T. Rollett (CMU), N. Barton (LLNL), A. Beaudoin (UIUC), J. Stolken (LLNL)**

5:00 p.m. *Adjourn*

**August 14th, 2013**

9:00 a.m. Topic 2: Microstructures and Mechanics (20 min. per speaker)
*Continued from Day 1*
**T. Rollett (CMU), N. Barton (LLNL), A. Beaudoin (UIUC), J. Stolken (LLNL)**

10:00 a.m. Audience Input and Panel Discussion

10:30 a.m. Topic 3: Statistical Mechanics Tools (20 min. per speaker)
**D. Fullwood (BYU) and P. Duxbury (Mich. State)**

11:15 a.m. Topic 4: Emerging Experiments
(Joint w/Panel2, 20 min. per speaker)
**J. Bernier (LLNL) and D. Penumadu (UTenn.)**

11:55 a.m. Audience Input and Panel Discussion

Chairs: J. Stolken (LLNL) and T. Rollett (CMU)
Admin POC: Kim Elmore

12:30 p.m. *Lunch*

2:00 p.m. Panel to Prepare for Report Out

3:30 p.m. Report Out

**August 15th, 2013**
**B170 R1091/1092**

9:00 a.m. Write Report (Co-chairs and Panelists)

12:00 p.m. *Adjourn*