

## 21<sup>st</sup> Century Needs and Challenges in Compression Science Workshop



*Bishop's Lodge, Santa Fe NM*

*Wednesday, September 23, 2009*

- 8:30 AM Welcome, Introduction and Workshop Kickoff.....David Funk  
Rusty Gray  
*Los Alamos National Laboratory*
- 9:00 AM The Future of Static Compression Science.....Malcolm McMahon  
*University of Edinburgh*
- 10:00 AM Discussion
- 10:30 AM The Future of Dynamic Compression Science .....Yogi Gupta  
*Washington State University*
- 11:30 AM Discussion
- 12:00 PM Lunch – Workshop Co-chair will lead discussion on the morning Plenary Talks
- 1:00 PM Experimental Needs for Material Phase, Strength, and Damage .....Neil Bourne  
*Atomic Weapons Establishment*  
James Asay  
*Sandia National Laboratories*
- 2:00 PM Discussion
- 2:30 PM Break
- 3:00 PM Theory Needs for Material Phase, Strength, and Damage..... James Belak



*Lawrence Livermore National Laboratory  
Curt Bronkhorst  
Los Alamos National Laboratory*

*4:00 PM Discussion*

*4:30-5:30 PM Summary Discussion*

*6:00 PM Reception / Informal Discussion*

*7:00 PM Dinner – Workshop Co-chair will lead discussion from breakout discussions (using key questions to stimulate discussion)*

***Thursday, September 24, 2009 - - Breakout Sessions***

*8:30 AM Retire to side rooms for independent discussion and presentation of each participant's materials (ten minutes per participant)*

*12:00 PM Lunch – Panel Chairs will report back on the progress from the morning sessions; and that progress will be used by all in the afternoon breakout sessions*

*2:00-4:00 PM Panels develop summary presentations (5 slides)*

*4:00 PM Panel Chairs present summaries (20 minutes each)*

*5:00-6:00 PM Summary Discussion*

*6:30 PM Informal Discussion / Reception*

*7:30 PM Dinner – Panel Chair/Co-chair will lead discussion to refine workshop information presented in the afternoon session*

***Friday, September 25, 2009 - - Report Writing***

*8:30 AM Panel Chairs and Plenary Speakers draft reports (5-7 pages from each)*

*12:00 PM Workshop Adjourns*