



International Fault Slip Control Research Initiative
Experimental Design Workshop in Geophysics

December 4, 2009 | Toronto, Ontario, Canada
Holiday Inn Bloor-Yorkville, Varsity Room | 280 Bloor Street West

Agenda

FRIDAY DECEMBER 4, 2009

- 7:30 BREAKFAST (provided)
- 8:00 **Introductions & Workshop Objectives**
P. Kaiser, D. Duff (CEMI)
- 8:15 **Global Perspective on Current Fault Slip Research Initiatives and Challenges Ahead**
B. Milkereit (University of Toronto)
- 8:25 **Background: Summary of CEMI Microseismicity Workshop**
- 8:40 **3D Rock Volume Characterization: the Role of Rock Physics**
- 9:10 **3D Rock Volume Characterization: Geophysical Imaging Tools**
- 10:00 BREAK
- 10:15 **3D Rock Volume Monitoring: from Lab to Mine Scale**
- 10:35 **3D Rock Volume Monitoring: Geophysical Imaging**
- 11:00 **3D Rock Volume Monitoring: Review of Borehole Instrumentation**
B. Prevedel (ICDP OSG, Potsdam)
- 11:30
Mining **Integration of Geophysical Imaging with Microseismicity, Geology, Numerical Modeling and Engineering Research**
- 12:00 LUNCH (provided)
- 12:45 **3D Rock Volume Monitoring: Geophysical Imaging Revisited - R&D needs**
- 13:15 **Building a Better Mousetrap or Designing a New Mousetrap?**
A Preliminary Risk and Cost-Benefit Analysis
- 13:45 **What May be the Showstoppers?**
- 14:00 **R&D Funding & Project Timelines**
- 14:45 **International Collaborations & Partnerships**
- 15:00 **Summary, Outlook & To-Do-Lists**
- 15:40 **Closing Remarks**
P. Kaiser