

Second Vlab Workshop

Venue

The second VLab workshop will take place at the Minnesota Supercomputing Institute, August 5-10, 2007. It will offer an opportunity for researchers interested in planetary materials and/or planetary processes to exchange information and ideas. This will be a joint meeting of the VLab and of the Elasticity Grand Challenge (EGC) of the COMPRES initiative. The themes to be addressed and confirmed speakers are:

- **D" layer**
Don Helmberger, Thorn Lay, Marteen de Hoop, Ed Garnero, John Hernlund, Xiaodong Song, Wendy Mao, Shige Maruyama, Richard Peltier, Paul Tackley, Taras Gerya, Artem Oganov, Marc Monnereau, Arie Van de Berg, Bruce Buffett
- **Spin transition in iron in the lower mantle**
Jennifer Jackson, Wolfgang Sturham, Afu Lin, Michael Brown, Renata M Wentzcovitch, Koichiro Umemoto
- **Transport properties of mantle minerals**
Anne Hoffmeister, Alex Goncharov, Victor Struzhkin, Philip B. Allen, Tao Sun
- **Water in the mantle**
Shun-ichiro Karato, Marc Hirschmann, David Kohlstedt, Suzan Van der Lee, Michael Wyession, Bjorn Winkler, Tom Duffy
- **Transition zone**
Lars Stixrude, Don Weidner, Baosheng Li, Yang Shen, Justin Ravenaugh, Jay Bass, Gabriel Gwanmesia

There will be a session on information technology and demonstration of software for materials computations at some point during the meeting.

For more information, registration, and abstract submission please go to:
<http://www.vlab.msi.umn.edu/events/secondworkshop.shtml>