

2nd Announcement

## Workshop on Multi-Anvil Techniques

March 1 - 3, 2005

Advance Photon Source

Argonne National Laboratories

Application deadline is January 31, 2005.

A three-day workshop on multi-anvil techniques, sponsored by the COMPRES *Multi-anvil Cell Assembly Development Project* and GSECARS, will be held at the Advance Photon Source, Argonne National Laboratories from March 1, 2005 to March 3, 2005. This workshop is intended as an introduction to multi-anvil techniques utilizing synchrotron radiation for research in the Earth and material sciences. The workshop will include one day of lectures covering general topics on multi-anvil techniques, including pressure cell design and calibration, and specific applications of synchrotron radiation, including x-ray diffraction, radiography and tomography, and data analysis. Days 2 and 3 will be devoted to hands-on demonstrations of cell assemblies, data analysis, and real-time x-ray diffraction and radiography using the Large Volume Press.

Food and lodging will be provided to the participants; however, individuals will be responsible for their transportation to and from Argonne National Laboratory. In order to be considered, prospective participants need to fill out the application form appended to this announcement. Selection will be made based on interests and background, with preference given to graduate students and junior researchers. Applications should be returned to Kurt Leinenweber ([kurtl@asu.edu](mailto:kurtl@asu.edu); fax xxx-xxx-xxxx) no later than January 31, 2005.

Conveners: Kurt Leinenweber (ASU), Charles E. Lesher (UC Davis), Yanbin Wang (GSECARS)