

COMPRES Workshop on Current Status and Prospects for Establishing Precise and Accurate Pressure Scales at High Temperature



Geophysical Laboratory
Carnegie Institution of Washington
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The need for accurate pressure measurements is ubiquitous in the field of high-pressure research. The ruby pressure calibrations carried out at the Geophysical Laboratory in the 1970s and 1980s served the high-pressure community for more than 20 years. However, it is now apparent that calibrations of higher precision and accuracy are urgently needed for researchers working at pressures from kbars to Mbars and at high temperatures. Now more than ever a scale is required whose accuracy is comparable with that of the experimental observations. A high-pressure workshop bringing major researchers across the world is needed to evaluate existing pressure scales and guide the development of the next generation.

Keynote speakers: W. Holzappel, W. Nellis, N. Holmes, H. K. Mao, K. Takemura, J. Bass, R. Wentzcovitch, A. Dewaele, B. Li

Organizing committee:

Alexander Goncharov, *Geophysical Laboratory*
Kurt Leinenweber, *Arizona State University*
Tom Duffy, *Princeton University*
Russell Hemley, *Geophysical Laboratory*
Yingwei Fei, *Geophysical Laboratory*

Contact information: Alex Goncharov - (202) 478-8947

Registration deadline: Dec. 29, 2006.

Workshop website: <http://www.gi.ciw.edu/Conferences/CompresHighPTCalibrationWorkshop/HOME.html>

The workshop proceedings will be published in J. Appl. Phys.?! (conditions are being negotiated).

