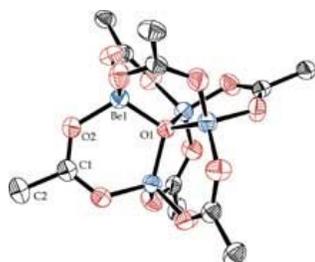


# CDAC

CARNEGIE / DOE ALLIANCE CENTER  
A Center of Excellence for  
High Pressure Science and Technology  
Supported by DOE / NNSA



## CDAC Summer School 2005 June 1-3 Advanced Photon Source



### *SECOND ANNOUNCEMENT*

The CDAC Summer School has been established to provide an introduction for graduate students and postdoctoral researchers to high pressure-temperature materials research. We aim to explore the chemical and physical fundamentals of matter at high densities, and illustrate how static and dynamic experiments, along with condensed matter theory, can provide a means to understand the changes that take place in matter under extreme conditions. Presentations will be made within the context of key materials and measurement capabilities that are crucial to stockpile stewardship, and this will form a linking conceptual thread that will run throughout the lectures. The series of topics to be presented in the CDAC Summer School form a coherent introduction to the field of high pressure-temperature research that is not generally taught in universities and will provide a valuable background for students new to the field, regardless of the career paths students might pursue.

Lecturers for the School will include:

- N. W. Ashcroft, Cornell University
- Y. M. Gupta, Washington State University
- C. Kao, Brookhaven National Laboratory
- R. Jeanloz, University of California-Berkeley
- M. D. Knudson, Sandia National Laboratory
- G. W. Collins, Livermore National Laboratory
- Y. Zhao, Los Alamos National Laboratory

Enrollment will be limited to 32, and all expenses except travel will be fully covered by CDAC. Travel support up to \$200 will also be available. Participants in the CDAC Summer School will be housed at the Argonne Guest House and all meals will be provided by the Summer School.

To apply, please send a brief statement of your research program and reasons for your interest in the CDAC Summer School to Steve Gramsch, CDAC Coordinator, at [s.gramsch@gl.ciw.edu](mailto:s.gramsch@gl.ciw.edu). Applications should be received by April 15.

There will be a limited number of spaces available for senior scientists to attend the school lectures at their own expense. Please contact the CDAC Coordinator for further information.

For more information about CDAC, see <http://www.cdac.gl.ciw.edu>. Come and see what the excitement in high pressure research is all about!

