

P-V-T EQUATIONS OF STATE OF MATERIALS

Date

8/3 – 8/5

8/3 (Mon)	Morning	Registration
	Afternoon	Workshop Conference dinner
8/4 (Tue)	Morning	Special lecture (Prof. W. B. Holzapfel)
	Afternoon	Workshop
8/5 (Wed)	Morning	Workshop

Venue

**Geodynamics Research Center (GRC)
Ehime University, Japan**

(Ehime Univ.) <http://www.ehime-u.ac.jp/english/about/location/index.html>

(GRC) <http://www.ehime-u.ac.jp/~grc/e.html>

Local organizers

T. Tsuchiya, Y. Tange, T. Ishikawa (Ehime Univ.)

Steering committees

T. Tsuchiya (Ehime Univ), T. Yagi (Univ. Tokyo), T. Irifune (Ehime Univ.)

*The G-COE program plans travel support for young scientists (ph.D students and Post-docs).
Contact us for the details.

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P-V-T EQUATIONS OF STATE OF MATERIALS

G-COE international summer school "P-V-T equations of state of materials" will be held on **August 3-5** at **Geodynamics Research Center, Ehime University** as a satellite meeting of the forthcoming AIRAPT 22. Uncertainty in pressure standards and accurate measurement of P-V-T EOS of materials have long been critical issues in high-pressure science and technology. However, various important progresses can be seen in these years in experimental techniques, analytical and calculation methods and theory. Now it is a nice timing to meet researchers from broad research areas and discuss the topics comprehensively to take a next step. The workshop will be composed of reviews of cutting-edge research results and discussion given by world-wide top scientists from (i) theory and modeling, (ii) shock experiment, and (iii) static experiment. We are also planning to have a special lecture to be given by Prof. Holzapfel accompanied with the workshop. People involved in the high-pressure science and technology, of course including students, are most welcome.

Speakers list

I. THEORY AND MODELING

Wilfried B. Holzapfel (University Paderborn, Germany)

Brian L. N. Kennett (Australian National University, Australia)

Peter I. Dorogokupets (Institute of the Earth's Crust SB RAS, Russia)

Yoshinori Tange (Ehime University, Japan)

II. SHOCK EXPERIMENT

William J. Nellis (Harvard University, USA)

Tsutomu Mashimo (Kumamoto University, Japan)

Norimasa Ozaki (Osaka University, Japan)

Toshimori Sekine (National Institute for Materials Science, Japan)

III. STATIC EXPERIMENT

Baosheng Li (Stony Brook University, USA)

Kenichi Takemura (National Institute for Materials Science, Japan)

Nagayoshi Sata (Japan Agency for Marine-Earth Science and Technology, Japan)

Naohisa Hirao (Japan Synchrotron Radiation Research Institute, Japan)

Details: http://www.sci.ehime-u.ac.jp/~takut/eos-ws_web/eos-ws_web1.htm