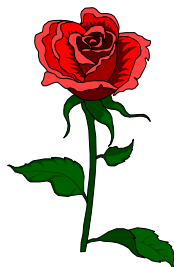


**2003
APS
SCCM
Portland**



SCCM - 2003

The 13th American Physical Society Topical Conference on Shock Compression of Condensed Matter will be held in the beautiful Pacific Northwest in Portland, Oregon during the summer of 2003. Portland, known as the City of Roses, is an attractive and vibrant city set in a scenic region with many natural attractions.

The scientific focus of the Conference will be on fundamental and applied research topics related to shock wave compression of condensed matter. This multidisciplinary field of research encompasses areas of physics, chemistry, materials science, mechanics, geophysics and planetary science, and applied mathematics.

SCIENTIFIC PROGRAM

Contributed presentations in oral and poster sessions, along with invited and plenary presentations will be featured during the four and one-half days of the Conference. Recent advances in experimental, theoretical, and computational studies will be highlighted in the presentations. Representative scientific topics of interest are:

- Equation of State
- Phase Transitions
- Chemical Reactions
- Warm Dense Matter
- Inelastic Deformation and Fracture
- Materials-Related Phenomena
- Geophysics and Planetary Science
- Energetic Materials and Detonation
- Optical Studies
- Ab-Initio & Molecular Dynamics Calculations
- Experimental Developments
- Nonlinear Wave Propagation

Parallel sessions will be planned for the presentations. Hardbound Conference proceedings with the presented papers will be published after a technical review and possible revisions. Only papers presented at the Conference will be published in the Proceedings. More information about submission of abstracts will be provided in the second announcement.

REGISTRATION FEES

The Conference registration fee will be comparable to previous Conferences. The fee for non-APS members will be 50% higher. Students and retirees fees will be approximately 50% lower. The fee includes participation in all technical sessions, refreshments during breaks, receptions, banquet, and a copy of the Proceedings. By APS policy, participant's registration, travel, lodging, etc., may not be paid for by the Conference.

CALENDAR OF EVENTS

- **Oct. 1, 2002** – 2nd Announcement/Abstract Call
- **Feb. 15, 2003** – Deadline for Abstracts at APS
- **Apr. 1, 2003** – Abstract acceptance letters mailed, reservation, registration, & activities information
- **May 1, 2003** – Manuscript information mailed
- **June 20, 2003** – Reservation deadline for hotel
- **July 21-25, 2003** – Conference

LODGING AND ACCOMMODATIONS

The organizing committee has chosen the Doubletree Hotel--Lloyd Center, as the site for the Conference as well as lodging accommodations. This hotel is about 15 minutes from the airport via complimentary shuttle service. The location is considered "Center of the City." and the free MAX Light Rail System runs directly from the hotel to the central business, shopping, and entertainment districts.

Lloyd Center, Oregon's largest shopping mall, is adjacent. There is excellent meeting space for the sessions and breakout activities. Several restaurants and lounges are on premises. The hotel has a swimming pool and exercise room. Rates will be quoted for single or double occupancy at near-government per diem for 2003; at this time, the rate is expected to be approximately \$104 per night. On-site covered parking has been arranged at \$7 per night. Hotel and registration forms will be included in later announcements.

**13th American Physical Society
Topical Conference on**

**SHOCK COMPRESSION OF
CONDENSED MATTER**

July 21 - 25, 2003

**Doubletree Hotel – Lloyd Center
Portland, Oregon, USA**

**Chair: Y. M. Gupta
Washington State University**

**First
Announcement**

**APS TOPICAL GROUP OFFICERS,
2002**

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Sandia National Laboratories
Chair-Elect - Steven Bless
University of Texas
Vice-Chair - Brad Holian
Los Alamos National Laboratory
Secretary/Treasurer - J. Michael Boteler
Naval Surface Warfare Center--Indian Head

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COMMITTEE**

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Lawrence Livermore National Laboratory
Rebecca Brannon,
Sandia National Laboratories
Robert Cauble,
Lawrence Livermore National Laboratory
Ricky Chau,
Lawrence Livermore National Laboratory
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Naval Surface Warfare Center--Indian Head

CORRESPONDENCE

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Technical Program Coordinator: forbes1@llnl.gov
Conference Coordinator: alita@lanl.gov

You must return this form to receive future mailings

Return to: **Alita Roach, Los Alamos National Laboratory, MS P918, Los Alamos, NM 87545**
Ph. (505) 665-6277 Fax (505) 667-5376 E-mail: alita@lanl.gov

Name _____ Affiliation _____
Address _____ City _____ State _____ Zip _____ Nation _____
Phone _____ Fax _____ E-mail _____
I plan to attend APS SCCM 2003 A companion will accompany me

I plan to present a paper: Oral Poster I am interested, but uncertain