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# ANNUAL MEETING UPDATE

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## *Preliminary Plans Have Hardened Around An Expanded Schedule of Seventeen Interdisciplinary Symposia*

The Chairmen of the 1984 Materials Research Society Annual Meeting report that preliminary program plans have crystallized around a core of 17 technical symposia. They note that some symposia have altered their focus to varying degrees since tentative topics were announced earlier: Members should consult the following program list for symposia of interest to them.

The expanded list is three more symposia than last year's meeting, and further evidence of the Society's rapid growth are an expanded curriculum of short courses, the innovative Equipment Show, a job placement center, and a spanking-new hotel, The Boston Marriott/Copley Place. The meeting will begin Nov. 26 and run through Nov. 30, with short courses scheduled for Nov. 30 and Dec. 1.

Chairing the meeting are Paul Percy, Sandia National Laboratories, Walter Brown, AT&T Bell Laboratories, and Jagdish Narayan, Oak Ridge National Laboratory. They report that the following symposia will be offered:

### **Symposia Topics**

- "Energy Beam-Solid Interactions and Transient Thermal Processing," chaired by G.A. Rozgonyi, North Carolina State University, D.K. Biegelsen, Xerox Corporation, and C.V. Shank, AT&T Bell Laboratories.
- "Laser Chemical Processing of Semiconductor Devices," chaired by R.M. Osgood, Jr., Columbia University, T.F. Deutsch, Massachusetts Institute of Technology, and F.A. Houle, International Business Machines Corporation.
- "Impurity Diffusion and Gettering in Semiconductors," chaired by R.B. Fair, Microelectronics Center of North Carolina, J. Washburn, Lawrence Livermore National Laboratory, and C.W. Pearce, AT&T Technologies.
- "Layered Structures, Epitaxy, and Interfaces," chaired by L.R. Dawson, Sandia National Laboratories, and J.M. Gibson, AT&T Bell Laboratories.
- "Catalysis by Solids: Bulk Properties, Surface Properties, and Defects," chaired by G.A. Somorjai, University of California, P. Ross, Lawrence Livermore National Laboratory, and R.R. Chianelli, Exxon Corporation.
- "Plasma Synthesis and Etching of Electronic Materials," chaired by R.P.H. Chang, AT&T Bell Laboratories, and B. Abeles, Exxon Corporation.
- "High Temperature Ordered Intermetallic Alloys," chaired by C.T. Liu, Oak Ridge National Laboratory, C.C. Koch, North Carolina State University, and N. Stoloff, Rensselaer Polytechnic Institute.
- "Hydrogen in Metals: Physics, Metallurgy, and Engineering Approaches," chaired by W.D. Wilson, Sandia National Laboratories, M. Louthan, Virginia Polytechnic Institute, and H. Birnbaum, University of Illinois.
- "Intercalated Graphite," chaired by G.F. Dresselhaus, Massachusetts Institute of Technology, P.C. Eklund,

University of Kentucky, and M.S. Dresselhaus, Massachusetts Institute of Technology.

- "Electronic Packaging Materials Science," chaired by K. Tu and E. Giess, International Business Machines Corporation, and D.R. Uhlmann, Massachusetts Institute of Technology.
- "Advanced Photon and Particle Techniques for Characterization of Defects and Defect-related Reactions in Solids," chaired by J.B. Roberto, Oak Ridge National Laboratory, R.W. Carpenter, Arizona State University, and M.C. Wittels, Basic Energy Sciences/Department of Energy.
- "The Potential for Very High Strength Cement-based Materials," chaired by J.F. Young, University of Illinois, and S. Mindess, University of British Columbia.
- "Coal Combustion and Conversion Wastes: Characterization, Utilization, and Disposal," chaired by T. Demirel, Iowa State University, G.J. McCarthy, North Dakota State University, and B.E. Scheetz, Pennsylvania State University.
- "Scientific Basis for Nuclear Waste Management," chaired by J.A. Stone and C.M. Jantzen, E.I. du Pont de Nemours & Co., and R. Ewing, University of New Mexico.
- "Alloy Phase Diagrams," chaired by B.C. Giessen, Northeastern University, T.B. Massalski, Carnegie-Mellon University, and L.H. Bennett, National Bureau of Standards.
- "Fractal Aspects of Materials: Metal and Catalyst Surfaces, Powders, and Aggregates," chaired by B.B. Mandelbrot, International Business Machines Corporation, and D. Passoja, Union Carbide Corporation.
- "Frontiers of Materials Science," chaired by Rustum Roy, Pennsylvania State University.

## **PLACEMENT CENTER**

The Materials Research Society Annual Meeting, as the premier conference of materials professionals, is the ideal place for employers and job seekers to come together.

This year for the first time, a meeting room at the conference hotel will be dedicated to this activity.

Bulletin boards will be provided for prospective employers and applicants to post notices. Through the cooperation of the American Institute of Physics, this new service is being publicized among employers.

The Job Placement Center is a particularly valuable service for graduate students attending the meeting. Graduate advisers are urged to make their students aware of this opportunity.