

# BOSTON—EVEN BIGGER IN '84

*Seventeen Symposia And More Short Courses  
Are Slated For The MRS Annual Meeting This November*

The Chairmen of the 1984 Materials Research Society Annual Meeting have announced plans for 17 symposia, which will form the core of what can be expected to be an outstanding conference for materials scientists and engineers—and once again, substantially larger and more varied than any prior meeting.

The conference will be held Nov. 26-30 in Boston. Final hotel arrangements haven't been completed.

## Symposia Topics

Chairmen P.S. Peercy, Sandia National Laboratories, W.L. Brown, Bell Laboratories, and J. Narayan, Oak Ridge National Laboratories, said the following symposia are planned:

"Energy Beam-Solid Interactions and Transient Thermal Processing," chaired by G.A. Rozgonyi, North Carolina State University, D.K. Biegelsen, Xerox Corp., and C.V. Shank, Bell Laboratories.

"Laser Photochemical Interactions and Diagnostics," chaired by R.M. Osgood, Jr., Columbia University, T.F. Deutsch, Massachusetts Institute of Technology, and F.A. Houle, International Business Machines Corp.

"Impurity Behavior and Gettering in Semiconductors," chaired by R.B. Fair, Microelectronics Center of North Carolina, J. Washburn, Lawrence Berkeley Laboratory, and C.W. Pearce, Western Electric.

"Layered Structures, Epitaxy, and Interfaces," chaired by L.R. Dawson, Sandia National Laboratories, and J.M. Gibson, Bell Laboratories.

"Catalysis by Solids: Bulk Properties, Surface Properties, and Defects," chaired by G.A. Somorjai, University of California, P. Ross, Lawrence Berkeley Laboratory, and R.R. Chianelli, Exxon Corp.

"Microstructure, Fracture, and the Potential for Very High Strength Cement Pastes and Concrete," chaired by J.F. Young, University of Illinois, and S. Mindess, University of British Columbia.

"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. Witek, Basic Energy Sciences/Department of Energy.



**PAUL PEERCY**

"Plasma Synthesis and Etching of Electronic Materials," chaired by R.P.H. Chang, Bell Laboratories, and B. Abeles, Exxon Corp.

"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," 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. Geiss, International Business Machines Corp., and D.R. Uhlmann, Massachusetts Institute of Technology.

"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.

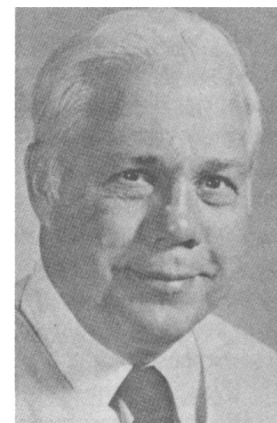
"Alloy Phase Diagrams," chaired by B.C. Giessen, Northeastern University, T.B. Massalski, Carnegie-Mellon University, and L.H. Bennett, National Bureau of Standards.

"Fractals in Materials Science," chaired by B.B. Mandelbrot, International Business Machines Corp., and D. Passoja, Union Carbide Corporation.

"Frontiers of Materials Science," chaired by Rustum Roy, Pennsylvania State University.



**J. NARAYAN**



**WALTER BROWN**

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# CALL FOR NOMINATIONS

## *For The Von Hippel Award*

The Awards Committee announces that nominations are being accepted for the most prestigious recognition a materials scientist or engineer could receive, the Arthur Von Hippel Award of the Materials Research Society.

The Award will be presented at a general conclave of the Society in the course of the Annual Meeting in Boston.

MRS Past President Harry J. Leamy, Bell Laboratories, Chairman of the Awards Committee, said, "The Von Hippel Award recognizes those qualities most prized by materials scientists—brilliance and originality of intellect combined with vision that transcends conventional scientific disciplines. It recognizes a lifetime of achievement and dedication."

The Award is named for the Emeritus Professor of the Massachusetts Institute of Technology whose laboratory pioneered the collaborative, interdisciplinary research that subsequently has taken the identity of "materials science."

Any member of the Society can make nomination to the Committee. Names put into nomination are, in accordance with an MRS by-law adopted this year, considered active for three years. To be considered, nominations must include all of the following information, in no greater length than that indicated:

- Name of nominee.
- Title, affiliation, mailing address, and telephone number.
- Date and place of birth.
- Record of professional experience (which may include a full or partial listing of publications, but must include past educational and professional affiliations). This section may comprise no more than three pages.
- Professional recognition and awards. A complete listing is desired.
- Outstanding contributions to materials science. This item, not to exceed one page, should describe why the candidate is put forward, and should specifically address the following question: In what way have these contributions emphasized the (i) interdisciplinary and (ii) purposeful character of materials research which we seek to honor?
- Other contributions to the materials research community. This item should not exceed one page.

Forward nominations by June 1 to Harry Leamy at Bell Laboratories, Murray Hill, NJ 07974.

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## **Short Courses Expanded**

Conference organizers also report ambitious plans to sub-

### *Highlights:*

*Seventeen Symposia,  
Many More Short Courses,  
New Equipment Exhibition*

stantially increase the number of short courses to be offered. From a single course two years ago to an integrated offering of three last November, short courses are expected to explode in number this year, owing to the intense interest expressed in them by MRS members.

Another highlight of this year's Annual Meeting will be an equipment show, which is described at length in this issue of the BULLETIN. The general convocations, the Plenary and Von Hippel sessions, will doubtless bring together the largest number of MRS members ever to attend a single conference.

## MRS BULLETIN

### VOLUME IX

### NUMBER 1

*The Materials Research Society BULLETIN is published bi-monthly by the Materials Research Society for its members and others interested in materials science. Correspondence and submissions are invited. They should be brief and typewritten (double-spaced), and the author's affiliation must be indicated. Address all material to the Editor.*

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9800 McKnight Road, Suite 327, Pittsburgh, PA 15237,  
(412) 367-3003*

Editor **T.G. MIDDLETON** *P.O. Box K,  
Short Hills, NJ 07078, (201) 467-0504*