



**MATERIALS
RESEARCH
SOCIETY**

Meeting & Show

The 1984 Fall Meeting of the Materials Research Society, to be held in Boston Nov. 26-30, will offer over 800 technical papers on the development, characterization, and processing of materials for application in emerging high-technology areas. Among the topics to be covered in the 17 symposia that constitute the technical program are electronic and optical materials, laser processing of metals and semiconductors, plasma synthesis, catalysis, advanced photon and particle characterization of materials, solid-waste disposal from coal combustion and nuclear applications, molecular beam epitaxy, electronic packaging, and characterization of such nonmetallic materials as ceramics and intercalated graphite.

Technical program:

John B. Ballance,
Executive Director
Materials Research Society
9800 McKnight Road,
Suite 327
Pittsburgh, PA 15237

Over 50 companies (see adjacent list) will be displaying analytical and processing equipment closely matching meeting content at the Equipment Exhibit, November 27-29 and thus of compelling interest to the over 2000 top level scientists and engineers who are expected to attend.

For information, contact:

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MRS Show Manager
American Institute of Physics
335 East 45th Street
New York, NY 10017
Telephone (212) 661-9404

MRS symposia are interdisciplinary and span the range from basic research to application, with the goal of assuring that all possible physical, chemical, and engineering insights are considered for the topic being examined.

November 27-29, Boston, MA Exhibitors (as of 1/6/84)

A G Associates
Alfa Products/Morton Thiokol
Amplifier Research
Blake Industries
Brimrose
Capintec
Ceramaseal
Cryomagnetics
CTI-Cryogenics
Dielectric Communications
Eaton/Ion Beam Systems
Edwards High Vacuum
EGG ORTEC
EG&G Princeton Applied Research
General Ionex
Harshaw/Filtrol
Hitachi Scientific Instruments
Innovative Technology
Instrument Technology LTD
International Advanced Materials
Instruments Sa
Ion Tech Ltd
Janis Research
JEOL/USA
Kimball Physics
Klinger Scientific
Lake Shore Cryotronics
LeCroy Research Systems
Lemont Scientific
Lambda Physik
Leybold-Heraeus Vacuum Products
Lumonics
Microscience
MKS Instruments
National Electrostatics
Neslab
NGS Associates
Oxford Instruments
Philips Electronic Instruments
Perkin Elmer/Physical Electronics
Perkin Elmer/Vacuum Products
Photochemical Research
Associates
Physicon
Quad Group
Questek
Rigaku/USA
Rudolph Research
S.I.C./McPherson
L.M. Simard
Spectramass
Spectra-Physics/Laser Analytics
Spire
Tracor Northern
UHV Instruments
Vacuum Science Workshop
VG Instruments

EQUIPMENT SHOW SET AT '84 MEETING

The Materials Research Society will hold a three-day equipment exhibit as part of this year's Boston Meeting. This is the first time such an exhibit has been included as an integral part of our Annual Meeting, but the activity is expected to become a permanent fixture at future Society conferences.

The exhibit is intended to serve several purposes: enhance the quality of the meeting and provide greater opportunities for information exchange; provide participants with the opportunity to see the latest equipment available for use in their field of research; increase the exposure of the Materials Research Society and its activities to equipment manufacturers; and provide an additional source of revenue to help the Society upgrade the quality of its offerings while offsetting a greater part of their cost.

AIP Unit to Organize the Show

The exhibit will be organized and run for the Society by the Advertising Division of the American Institute of Physics. The Division has more than 20 years of experience running such exhibits for AIP member societies such as the American Vacuum Society and the American Physical Society. This experience will be of great value to the MRS as it seeks to establish an equipment exhibit as a regular part of its meeting activities.

The response of equipment manufacturers to the announcement of our first show has been outstanding. To date, more than 50 companies have indicated strong interest in participating. The names of those firms which at press time expected to participate in the show appear in the accompanying ad, which is also appearing in other scientific journals to insure that the scientific community is aware of the meeting and the exhibit.