

MRS and ACS Sections in New York Plan Meeting on Frontiers in Materials Science

The Western New York Section of the Materials Research Society and the Rochester Section of the American Chemical Society are planning a meeting on "Frontiers in Materials Science: Chemistry and Technology," October 14-15, 1991 at the University of Rochester.

The first day's events include an afternoon poster session and mixer, and an evening banquet and plenary address by Russell Messier of Pennsylvania State University on "Diamond: Pushing and Pulling." The second day will feature three topical symposia with invited speakers, including:

- Electronic Ceramics: Donald C. Brad-

ley, Queen Mary and Westfield College, University of London, "Metallo-Organic Precursors for the Deposition of Inorganic Electronic Materials"; David A. Payne, University of Illinois at Urbana-Champaign, "Molecular Design of Heterometallic Precursors for Electrical Ceramics by Sol-Gel Methods"; and Rishi Raj, Cornell University, "Bonding Metals to Ceramics."

- Polymers and Composites: James O'Reilly, Eastman Kodak, "Organic-Inorganic Polymer Composites"; and Samson A. Jenekhe, University of Rochester, "Molecular Engineering and Processing of Nonlinear Optical Polymers for Photonic Switching."

- Electronic Materials: Gary Wicks, University of Rochester, "Growth of Optoelectronic Materials by Molecular Beam Epitaxy"; and Willian Grande, Eastman

Kokak, "Some Fabrication Issues in Integrated Optics and Optoelectronics."

Poster papers are being solicited on the following topics: surface science, fabrication and characterization of thin films, coatings, structural and electronic ceramics, catalysis, polymers, composites, plasma and beam processing, imaging science, theory/calculations, and molecular design of electronic materials. Abstracts are due **September 14, 1991** to one of the organizers listed below.

For more information or to submit an abstract, contact: Lisa DeLouise, Xerox, 800 Phillips Rd., M/S 114-41D, Webster, NY 14580, phone (716) 422-5818, fax (716) 422-1035; or Henry Gysling, Eastman Kodak, Research Laboratories Bldg. 82C, Rochester, NY 14650-2111, phone (716) 477-6835, fax (716) 477-6498. []

UPCOMING CONFERENCES

Strasbourg to Host 15th International Symposium on the Scientific Basis for Nuclear Waste Management

Strasbourg, France will host the 15th International Symposium on the Scientific Basis for Nuclear Waste Management. The symposium will be held November 4-7, 1991 as part of the European Materials Research Society's 1991 Fall Meeting. The symposium is being sponsored by E-MRS, MRS, and also the Commissariat à l'Énergie Atomique (CEA), the Council of Europe, and other organizations.

This year's symposium will focus on the science underlying waste forms (vitreous, bitumen, ceramic, spent fuel, cements), near-field environment (canister, backfill, radionuclide migration), and natural analogues. All reviewed and accepted papers will be published by the Materials Research Society as a volume in the series on the "Scientific Basis for Nuclear Waste Management."

Three other symposia during the 1991 E-MRS Fall Meeting will deal with related topics: Clays and Hydrosilicate Gels in the Nuclear Field (Symposium B), Solid State Chemistry of Actinides (Symposium C), and Chemistry of Cements for Nuclear Applications (Symposium D). Look for

more information about the 1991 E-MRS Fall Meeting in an upcoming issue of the *MRS Bulletin*.

For more information about the 15th International Symposium on the Scientific Basis for Nuclear Waste Management, contact: Rod C. Ewing, University of New Mexico, Department of Geology, Albuquerque, NM 87131, phone (505) 277-4163, fax (505) 277-0090; or Arsène Saas, MRS 91-Organization Committee, Department of Waste Management and Disposal, CEN Cadarache, 13108 St. Paul lez Durance Cedex, France, phone (33) 42-25-27-20, fax (33) 42-225-46-46. □

UPCOMING ABSTRACT DEADLINES

1991 MRS Fall Meeting

JULY 1, 1991

1992 MRS Spring Meeting

NOVEMBER 15, 1991

EPITAXIAL MATERIALS AND IN-SITU PROCESSING FOR OPTOELECTRONIC DEVICES

July 29-31, 1991
Newport Beach, CA

Sponsored by the IEEE Lasers and Electro-Optics Society and in cooperation with the Materials Research Society and the Optical Society of America

This meeting will focus on the synthesis, growth, processing and characterization of epitaxial semiconductor materials for optoelectronic and photonic applications. Emphasis will be on epitaxial growth of advanced, integrated, or novel materials, and *in-situ* formation of device structures. Design, testing, and performance of related devices will also be considered.

The program features an overview session, an open workshop and discussion on *in-situ* processing during growth, and joint and rump sessions.

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