

Materials Research Society of Japan Hosts Annual Meetings, Ad Hoc Lectures, and Symposia

The Advanced Materials Science and Engineering Society (AMSES), founded on March 16, 1989, changed its name to the Materials Research Society of Japan (MRS-J) in December 1990. Each year since, MRS-J has sponsored an Annual Meeting in December and a Summer Meeting in July. Numerous other ad hoc lectures and symposia occur throughout the year. The bi-monthly newsletter *MRS-J News*, written mostly in Japanese, covers news about MRS-J, MRS, and the International Union of Materials Research Societies (IUMRS) and features a conference calendar.

Meetings

The two-day 1990 Annual Meeting had two concurrent symposia, one on advanced materials chaired by M. Doyama, S. Sōmiya, and M. Hasegawa and another on ceramics chaired by H. Kawazoe, H. Imagawa, K. Arai, and H. Hosono.

The symposium on advanced materials was cosponsored by Kanagawa Academy of Science and Technology and Kanagawa Science Park and consisted of 11 papers presented plus 71 posters.

The symposium on ceramics was cosponsored by New Glass Forum, Asahi Glass Foundation, and Nippon Sheet Glass Foundation. The symposium was comprised of six sessions: Imperfections in Ultrathin Amorphous SiO₂ Films, Optical Response and Sol-Gel Processes, Defects and Ion Implantation, Physical Properties and Hydrogen Related Species, and Defects and Imperfections 1 and 2.

The Summer Meeting, held July 11, 1991 in Kawasaki, Japan, covered the development of opto-bio materials and Al₂O₃ and aluminum compounds.

The 1991 Annual Meeting was held De-

ember 12-13 in Kawasaki, Japan. Special lectures were given by Kin-ichiro Miura on bioscience and by Toshio Nishi on high polymers. The topics for this meeting were: Advanced Materials chaired by M. Doyama, S. Sōmiya, and M. Hasegawa; Ceramic Actuators chaired by K. Uchino; and Computer Applications to Materials Science and Engineering chaired by M. Doyama. The Symposium on Ceramic Actuators was co-sponsored by the Japan Technology Transfer Association and the Symposium on Computer Applications was co-sponsored by a Grant-in-Aid from the Ministry of Education, Science and Culture.

Ad Hoc Meetings

MRS-J holds numerous one-day ad hoc subcommittee meetings on advanced materials, mostly focusing on ceramics. Specific materials and topics discussed so far include aluminum nitride, aluminum oxide, zirconia, zinc oxide, ceramic powders, analysis, synthesis, processing, and electronic and optical sensors. Some symposia were sponsored by the Asahi Glass Foundation and the Nippon Sheet Glass Foundation. On October 15, 1991, "Materials Fountainhead for New Technology and New Science," presented by Rustum Roy, was co-sponsored by the National Academy of Science.

There is an established subcommittee on hydrothermal reactions, and a new subcommittee on computer applications to materials and molecular science and engineering is being started.

Honorary Members

Since December 1990, MRS-J has chosen 15 honorary members: R.P.H. Chang

(USA), D.S. Yan (China), O.C.C. Lin (Taiwan, China), M.J. Murry (Australia), Min Che Chon (Korea), C.N.R. Rao (India), Byong Sik Jeon (Korea), Kee Hyong Kin (Korea), Rustum Roy (USA), E.F. Osborn (USA), J.A. Pask (USA), W.D. Kingery (USA), E. Matijevic (USA), G. Petzow (Germany), and L.E. Cross (USA).

Future Events

Advanced Materials: (March 13, 1992) the Role of Submicron-Sized Particulates in Preparing Photonic Materials, chaired by S. Sōmiya. Guest speaker will be J.B. MacChesney of AT&T Bell Laboratories. Minoru Watanabe, Sumitomo Electric Industries Co., Ltd., will speak on recent developments in optical fiber technology.

Summer Meetings:

July 9-10, 1992, Kawasaki, Japan, featuring symposia on aluminum and aluminum composites and zirconia ceramics.

July 8-9, 1993, location to be announced.

Annual Meetings:

December 10-11, 1992, Kawasaki, Japan, featuring symposia on advanced materials, fracture of materials, etc.

December 9-10, 1993, location to be announced.

For more information about MRS-J and its activities, write to: MRS-J, c/o KSP (Kanagawa Science Park), 304, 100-1 Sakato Takatsu-ku Kawasaki 213 Japan; phone 81-44-819-2001; fax 81-44-819-2009.

1992 Executive Officers

President: Prof. Masaki Hasegawa
Vice Presidents: Prof. Masao Doyama and Prof. Shigeyuki Sōmiya
Secretary and Treasurer: Yoshitaka Agata

E-MRS, ICEM '92 Offer Joint Program Under Auspices of IUMRS

The European Materials Research Society's 1992 Spring Meeting and the International Conference on Electronic Materials have joined forces to share both the technical program and venue for this year's meeting, June 2-5, at the Council of Europe and European Parliament facilities in Strasbourg. The combined conference is being organized by E-MRS under the auspices of the International Union of Materials Research Societies (IUMRS). Conference

Chairs G. Crean, Y. Nissim, and M. Stuke along with a 20-member International Organizing Committee are in the process of preparing the event.

The program features six symposia, a joint session, poster sessions, and an equipment exhibit.

Contact the symposium chairs for information about a specific symposium. For general information about the E-MRS/ICEM conference, contact the conference

secretary, P. Siffert, E-MRS Spring Meeting/ICEM '92, B.P. 20, 67037, Strasbourg Cedex, France; phone (33) 88-28-65-43; fax (33) 88-28-09-90.

Symposium A: SiGe-Based Technologies

This two and one-half day symposium will deal with the preparation of silicon germanium microstructures, their physical, chemical and electrical characteriza-