

ICEM-90 Schedules Late News Session Abstracts Being Accepted

The Second International Conference on Electronic Materials (ICEM-90), to be held September 17 - 19, 1990 At the Radisson Newark Airport Hotel, Newark, New Jersey, has scheduled a late news session for Tuesday evening, September 18.

This special session will focus on the latest research in

- CVD metallization,
- Ferroelectrics and low-high constant dielectrics,
- Heteroepitaxy for optoelectronics,
- Diamond cold cathode, and
- Optically active devices on silicon.

Abstracts for the late news session are being accepted at MRS headquarters through Monday, September 10, 1990, and will also be accepted on-site at the ICEM registration desk Sunday evening, September 16, 1990. Mail abstracts to Materials Research Society, Attention ICEM-90 (Code B) Late News Session, 9800 McKnight Road, Pittsburgh, PA 15237; or fax to (412) 367-4373.

Watanabe is Banquet Speaker

The featured speaker at the banquet Monday evening, September 17, is Dr. Hisatsune Watanabe, general manager of the Fundamental Research Laboratories of NEC Corporation, Tsukuba, Ibaraki, Japan. Watanabe joined NEC in 1971 and contributed to the development of GaAs and other III-V compound semiconductors through epitaxial growth by such methods as VPE, MOCVD, MBE, and ALE, and he has studied the fundamentals of these processes. Watanabe's most recent contri-

butions have been in mono-atomic-level material fabrication, quantum structures, and related applications.

Preliminary Program Available

The ICEM '90 preliminary program with the program listing, meeting registration, hotel and airline reservation information is available from MRS headquarters. Call (412) 367-3003; fax (412) 367-4373. The pre-registration fee for the meeting is \$195 (\$45 for students) and is available through September 7, 1990. Registrations after this date will be charged at-meeting rates.

1990 IBMM Conference to Feature International Speakers, Poster Sessions

The upcoming Seventh International Conference on Ion Beam Modification of Materials, September 9 - 14, 1990, Knoxville, Tennessee, has attracted approximately 500 abstracts, many more than submitted to any previous conference in the IBMM series. "Considering the response of the scientific community, this promises to be a very exciting conference," said co-chair C.W. (Woody) White of Oak Ridge National Laboratory. Co-chairing the conference with White is Bill R. Appleton, also from Oak Ridge National Laboratory.

The conference format has been designed to emphasize the poster sessions, and most of the contributed papers will be presented in the poster sessions. Each half day will consist of a two-hour oral session featuring an international roster of invited talks and a few contributed papers, followed by a two-hour poster session. A single oral session Friday morning, Sep-

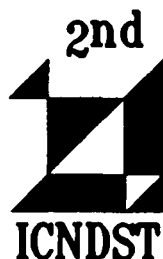
tember 14, will be followed by a brief wrap-up session and the conference closing.

Topics and organizers for the oral sessions are as follows:

- A. Semiconductors - S.T. Picraux and T. Tokuyama
- B. Ion-Enhanced Deposition - R.A. Zuhr and T.E. Haynes
- C. Insulators, Ceramics, and Polymers - C.J. McHargue
- D. Metals and Tribology - S.M. Myers and D.M. Follstaedt
- E. New Directions for Ion Beam Processing and Analysis (evening session, Tuesday September 11, of general interest to the ion beam community) - P.P. Pronko
- F. Beam-Induced Crystallization and Amorphization - W.L. Brown and J.M. Poate
- G. Ion Mixing - S.S. Lau and D.B. Paker
- H. MeV Implantation - O.W. Holland
- I. Novel Materials and Applications - R. Feenstra, S.J. Pennycook, and C.W. White

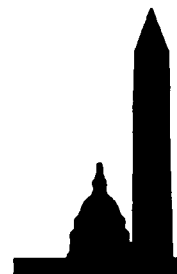
Wednesday afternoon, September 12, is reserved for an outing to the Smokey Mountains/Gatlinburg/Pigeon Forge area, followed by a conference banquet early in the evening. A spouses' program is available throughout the week, and a tour of Oak Ridge National Laboratory is planned for Friday afternoon.

Complete program and registration information are available from: IBMM Conference Secretary (Code B), P.H. Green, Oak Ridge National Laboratory, P.O. Box 2008, MS 6033, Oak Ridge, TN 37831-6033, USA; telephone (615) 576-1864; fax (615) 574-4143; Email: phg@stc10.ctd.ornl.gov; Bitnet: phg@ornl.stc. □



Second International Conference on the New Diamond Science and Technology

September 23-27, 1990 ■ Washington, DC



The Second International Conference on the New Diamond Science and Technology will cover worldwide research on CVD diamond, emphasizing interdisciplinary approaches that include not only the new vapor deposition research but also research on high pressure/high temperature (HP/HT) synthesis as well as natural diamond.

For information contact: 2nd ICNDST Conference Manager, LRW Associates 1218 Balfour Drive, Arnold, MD 21012; telephone (301) 647-1591; fax (301) 647-5136.

Sponsored by the Materials Research Society in cooperation with the Electrochemical Society.



INTERNATIONAL CONFERENCE ON ELECTRONIC MATERIALS-1990

September 17-19, 1990

Newark Airport, New Jersey, USA

..... **MATERIALS FOR HIGH T_c SUPER-
CONDUCTING ELECTRONICS**

..... **MATERIALS FOR OPTOELECTRONICS**

..... **ADVANCED THIN FILM TECHNOLOGY**

..... **DIAMOND FOR ELECTRONIC AND
OPTICAL APPLICATIONS**

LATE NEWS SESSION

TABLE TOP DISPLAYS

BANQUET SPEAKER: Dr. Hisatsune Watanabe, General Manager, Fundamental Research Laboratory, NEC Corporation, JAPAN

MEETING PREREGISTRATION

BY MAIL OR FAX: The preregistration fee for the ICEM-90 meeting is \$195; \$45 for students. Preregister by September 7, 1990, to take advantage of pre-meeting fees. Registrations received after September 7 will be charged at-meeting rates. Call (412) 367-3003 to request full meeting information and registration materials.

BY TELEPHONE: To expedite your registration, please keep your credit card in front of you for easy reference (telephone registration requires credit card payment). Call (412) 367-3003 and ask for Meeting Registration, Monday through Friday between 8:00 a.m. and 5:00 p.m. Eastern time. Confirmations will be mailed within 10 working days.

LOCATION / LODGING:

The Radisson Hotel Newark Airport is conveniently located two miles from the Newark International Airport. A block of rooms at special conference rates has been set aside for ICEM-90 meeting attendees, \$115/night, single or double occupancy. To assure staying at the Radisson Hotel, be sure to make your reservation prior to August 30, 1990. When making your reservation, mention ICEM-90 to receive the special rates. (201) 690-5500.

For further information contact: ICEM-90

The Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237
Telephone (412) 367-3003, FAX (412) 367-4373



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