

sion electron microscopy. The speaker for this tutorial was Richard Flutie of Digital Equipment Corporation.

J.M. PHILLIPS

North Carolina Section Hosts Workshop on Plasma-Surface Interaction and Processing of Materials

The North Carolina Section of the Materials Research Society hosted a fourth workshop on advanced materials processing titled "Plasma-Surface Interaction and Processing of Materials." Organized by O. Auciello and H. Conrad, the workshop was held on April 14, 1987 at the Microelectronics Center of North Carolina (MCNC), Research Triangle Park, NC.

The workshop was attended by about 30 persons from the area who showed considerable interest and enthusiasm in the subject and discussions. The program and invited speakers were as follows:

• Session 1—H. Conrad (NC State University), Chair

Chemistry of Low Temperature Plasmas, by D.L. Flamm (AT&T Bell Laboratories)

Transport Processes in Low Temperature Plasmas, by A. Gras-Marti (Oak Ridge National Laboratory)

• Session 2—R.F. Davis (NC State University), Chair

Physics of Plasmas/Discharges, by S. Bobbio (MCNC)

Plasma/Discharge Diagnostics (Optical, Probes), by O.E. Hankins (NC State University)

• Session 3—J. Narayan (NC State University), Chair

Chemical Etching of Semiconductors (Ion, e⁻, and Photon-Assisted Processes), by T.M. Mayer (University of NC)

Chemical Etching of Graphite (Ion, e⁻, and Photon-Assisted Processes), by O. Auciello (NC State University)

Plasma-Enhanced Chemical Vapor Deposition of Films, by D. Tsu (NC State University)

• Session 4—A. Reisman (RTI), Chair
Plasma-Assisted Sintering of Ceramics, by R. Porter (NC State University)

Characterization of Surfaces by Techniques That Give Information on Surface Chemistry, by A.F. Schreiner (NC State University)

Scanning Tunneling Microscopy: A Potential New Technique for In Situ Surface Chemistry Analysis, by P. Russell

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MRS Corporate Supporters Advanced Materials Conference and Exhibition

May 1988

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The Advanced Materials Exhibition is being held the week preceding the MRS International Meeting on Advanced Materials (May 30–June 3, 1988) and the JSAP-MRS International Conference on Electronic Materials (June 12–15, 1988), both in Tokyo.

For information contact: Materials Research Society (412) 367-3003

Journal of Materials Research to Feature High T_c Superconductor Articles in November/December Issue

As a major archival journal documenting leading edge materials research, *Journal of Materials Research* will feature a special section of original research articles on high T_c superconductors in the November/December issue. The excitement which began about this rapidly evolving field at the 1986 MRS Fall Meeting in Boston continues to grow within the materials community. To provide further insight into this field, *Journal of Materials Research* solicited manuscripts

focusing on new research on the materials aspects of high T_c superconductors. These manuscripts, contributed by renowned scientists from various disciplines, are presently undergoing expedited reviews and will be published in the standard *Journal of Materials Research* format upon acceptance. The November/December issue of *Journal of Materials Research* is scheduled for publication by the end of November, and copies will be available at the upcoming MRS Fall Meeting in Boston.

Although the article submission deadline is past for high T_c superconductor articles for the November/December issue, other articles, rapid communications, reviews, and commentaries are welcome

for consideration in subsequent issues. *Journal of Materials Research* continues to receive an increasing number of articles from various disciplines and to grow in breadth and depth of topical categories. For information on article submission to *Journal of Materials Research*, contact Linda Krysinski, Editorial Office Supervisor, *Journal of Materials Research*, Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237; telephone (412) 367-9111.

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