

Two NATO Advanced Study Institutes Will Broadcast to Worldwide Audiences Via Satellite

Two NATO Advanced Study Institutes will be transmitted via satellite for the first time to reach participating audiences worldwide. "Applications of Metallic and Ceramic Superconductivity" will be broadcast live September 10-20, 1990 from Colorado State University in Fort Collins, Colorado. "Advanced Materials and Processing for the ULSI Era" will be broadcast as a series of video-conferences from October 1990 through March 1991.

The experimental ASIs are being offered under the approval of the NATO Advisory Panel on the Advanced Study Institutes/Advanced Research Workshops. A report on the outcome of this venture will appear in an upcoming issue of the NATO Science Committee's *Newsletter*, published by the NATO Scientific Affairs Division, B-1110 Brussels, Belgium.

Applications of Metallic and Ceramic Superconductivity, September 10-20, 1990

Directed by Harold Weinstock of the U.S. Air Force Office of Scientific Research, "Applications of Metallic and Ceramic Superconductivity" will host on-site participants as well as viewers via live satellite transmission.

This ASI is designed primarily for R&D scientists, engineers and administrators involved in electromagnetic technologies and electronics. According to Weinstock, participants will receive an in-depth introduction to all major applications of superconducting technology (including both metallic and ceramic superconductors), a cost-benefit analysis of each application in comparison to competing technologies, and prognoses on the time it will take for these applications to have an impact on industrial, scientific, medical, military and other systems.

Each morning's formal lectures will be broadcast live in the United States and Canada through the National Technological University (NTU) system, and on a delayed basis in Western Europe through the EuroPACE network. On-site attendees will participate in afternoon discussion groups, and satellite participants can fax questions to be answered the next day. On September 19, the Institute will feature a panel discussion by five industrial scientists on the potential of superconducting technology, followed by a live question-and-answer forum.

For broadcast information, contact: Richard J. Soderberg, Director, NTU Ad-

vanced Technology and Management Programs, 700 Centre Avenue, Fort Collins, CO 80526, telephone (303) 484-6050, fax (303) 484-0668; or Per Morgen, EuroPACE, c/o Universite Paris IX - Dauphine, 7 Place de la Defense - Cedex 26, 75116 Paris, France; telephone 33-1-47 76 33 35; fax 33-1-47 46 42 72. For information on this ASI contact: Harold Weinstock, AFOSR/NE, Bolling AFB, Washington, DC 20332-6448; telephone (202) 767-4933; fax (202) 767-0466.

Advanced Materials and Processing for the ULSI Era, October 17, 1990 through March 13, 1991

Directed by Roland A. Levy of the New Jersey Institute of Technology, "Advanced Materials and Processing the ULSI Era" will consist of a series of six single-topic video-conferences to be broadcast beginning October 17, 1990 through March 13, 1991 at about one-month intervals. The broadcasts will cover high-speed performance devices, thin films for future generation ICs, submicron lithographic technologies, advanced plasma processes, ULSI process integration, and microelectronic packaging technologies.

Each broadcast will feature pre-edited speaker tapes followed by live discussion/question sessions. A session chair will provide an overview of the topic, introduce the speakers, and conduct the live discussions. The broadcasts will use the SKY-

NET video-conferencing service, which offers over 170 worldwide receiving sites.

For information contact: Roland A. Levy, New Jersey Institute of Technology, Department of Physics, University Heights, Newark, NJ 07102; telephone (201) 596-3561; fax (201) 643-3934.

4th Alabama Materials Research Conference Scheduled for October

The fourth annual Alabama Materials Research Conference will be held October 2 and 3, 1990, in the Bryant Conference Center, at the University of Alabama, Tuscaloosa. The event is held annually to stimulate the exchange of ideas and cooperative research among scientists interested in materials science and engineering in the state of Alabama and in the southeastern United States.

The conference is co-sponsored by Alabama EPSCoR and the University of Alabama's Metal Casting Technology Center and is endorsed by the Materials Research Society. Three parallel symposia will be featured, covering solidification processing, recent progress in modeling of solidification of castings and weldments, and general papers. For more information please write to: Dr. Doru M. Stefanescu, University of Alabama, Metallurgical & Materials Engineering, Box 870202, Tuscaloosa, AL 35487-0202. □

1990 MRS Fall Meeting
November 26 – December 1, 1990
Boston, Massachusetts

Registration Fees

	Pre-registration	On-Site
Regular	\$195.00	\$245.00
Student	\$ 60.00	\$ 70.00

Short Course attendees who register for two or more course days can attend the Fall Meeting for \$85.00

Register by November 16, 1990 to take advantage of pre-registration fees. Call the MRS Fall Meeting Registration Desk (412) 367-3003 between 8:00 a.m. and 5:00 p.m. Eastern time. Telephone registration requires credit card payment.