AVAILABLE NOW ON VIDEO AND AUDIO CASSETTE TAPES

FRONTIERS of MATERIALS SCIENCE

Tutorials on the "frontier topics" of materials research.

TITLE AND SPEAKER

Defect Engineering in Semiconductors (H.C. Gatos, MIT)

Recent Advances in Polymers (H. Mark, Polytechnic Institute of New York)

Superconductor Design and Application (E.W. Collings, Battelle Columbus Laboratories)

Tribology Update (K.C. Ludema, University of Michigan)

Mechanics of Electronic Packaging Materials (H. Hieber, Philips GmbH)

A Case History of Materials Development: Optical Fibers

(J.B. MacChesney, AT&T Bell Laboratories)

State of the Art Non-Destructive Evaluation (R. Greene, Jr., Johns Hopkins University)

New Materials Technology for Highways (R. Decker, University Science Partners)

Fractals and Disorderly Growth (P. Meakin, E.I. duPont de Nemours & Company)

Ultrathin Film Growth from Langmuir Blodgett to Self-Assembly

(A. Ulman, Eastman Kodak Company)

Failure Analysis in Materials Research (M. Louthan, Jr., Savannah River Laboratory)

Properties of Hydrogenated Amorphous Silicon (R. A. Street, Xerox Palo Alto Research Center)

Prices (per tape)*	VHS 1 tape/3+ tapes	U-Matic 1 tape/3+ tapes	Audio Cassette 1 tape/3+ tapes
MRS Members	\$30ea./\$25ea.	\$45ea./\$40ea.	\$12ea./\$8ea.
U.S. List	\$36ea./\$32ea.	\$55ea./\$50 ea.	\$16ea./\$12ea.
Foreign	\$45ea./\$41ea.	\$65ea./\$60ea.	\$20ea./\$16ea.

Also available on VHS and U-Matic: "High Temperature Superconductors," tapes of two recent MRS Symposia; and Linus Pauling's Plenary Address at the 1989 MRS Spring Meeting.

For further information, or to order, contact the Publications Department at:



MATERIALS RESEARCH SOCIETY

9800 McKnight Road • Pittsburgh, Pennsylvania 15237 Telephone: (412)367-3012 • Fax: (412)367-4373

890007

SEE IT LIKE IT IS

MOWI

TAKE THE "WAIT AND SEE" OUT OF YOUR X-RAY WORK.



DIGITAL INTENSITY X-RAY IMAGE ENHANCER

system brings <u>real</u> time x-ray imaging to your lab. With a full 40mm diameter input window and up to 200,000 gain. You can see immediately what film gives you later.

CONTACT US FOR MORE INFORMATION:

For inquiries on career opportunities with a leader in the electronic defense industry, contact us. We are an equal opportunity employer.

• acousto-optic • x-ray • infrared • systems

brimrose corporation of america 7720 belair road 5000775 Published online by Cambridge University Press baltimore, maryland 21236 (301) 668-5800 telex: 910-997-6817 brimrosecorp fax: 301-668-5977