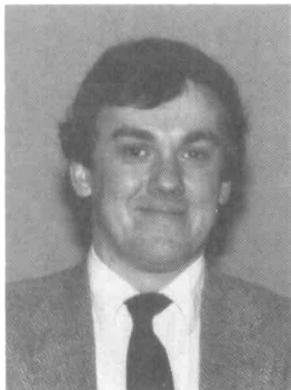
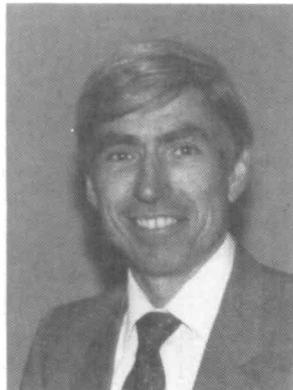


Gibson, Picraux, and Scheetz to Chair 1987 MRS Fall Meeting

21 Symposia, Complementary Short Course Program Planned



J.M. Gibson



S.T. Picraux



B.E. Scheetz

J. Murray Gibson, S. Thomas Picraux, and Barry E. Scheetz have been appointed Meeting Chairs for the 1987 MRS Fall Meeting, scheduled for the week of November 30-December 5, 1987 in Boston, Massachusetts. The 21 technical symposia planned will emphasize the meeting's traditional wide coverage of key materials areas with a strong emphasis on the interdisciplinary approach. A balance between mainstream areas and fast-breaking new activities is anticipated.

Murray Gibson is a member of the technical staff in the Interface Physics Department at AT&T Bell Laboratories, Murray Hill, NJ. He holds a PhD in physics from the University of Cambridge (1978) and has also worked briefly at IBM's T.J. Watson Research Center. His current field of research is high resolution electron microscopy of interfaces and surfaces in electronic materials. He has published over 100 papers and edited two volumes in the MRS Symposia Proceedings series. He has a strong scientific interest in epitaxial heterostructures and has organized two MRS symposia on the subject. He is co-organizer of the symposium on Initial Stages of Epitaxial Growth at the 1987 MRS Spring Meeting.

"I hope the 1987 Fall Meeting will continue in the excellent MRS tradition. With the rapid growth of the Society's activities we must not forget the importance of the scientific content of the Fall Meeting to our existence today and in the future. We have tried to respond to often heard criticisms of the meeting by limiting the number of symposia and avoiding excessive overlap in topics."

Tom Picraux is manager of the Ion Implantation and Radiation Physics Research Department at Sandia National Laborato-

ries, Albuquerque, NM. He joined the Sandia technical staff in 1969 and since then has also held the position of supervisor, Ion Solid Interactions Division. In addition to his involvement with MRS, he is a member of IEEE, the Electrochemical Society, The Metallurgical Society, and is a Fellow of the American Physical Society. He was symposium organizer of the symposium on Beam-Solid Interactions and Transient Processes at the 1986 MRS Fall Meeting, and in 1985 served on the National Academy of Sciences' Materials Science Briefing Panel. He holds a BS in electrical engineering from the University of Missouri, and an MS and PhD in engineering science and physics, both from the California Institute of Technology.

Barry Scheetz is associate professor of solid-state science and senior research associate at the Materials Research Laboratory at Pennsylvania State University, where he has been a faculty member for ten years. He received his undergraduate degree in education from Bloomsburg State College and his PhD in geochemistry and mineralogy from Pennsylvania State University. He works and publishes extensively in the area of nuclear and hazardous chemical waste management. His principal areas of interest are waste form development and waste form chemistry associated with both nuclear and hazardous waste systems; and he is involved with their applications in nuclear waste repositories and cementitious-based waste forms.

Symposia planned for the Fall Meeting are:

Fundamentals of Beam-Solid Interactions and Transient Thermal Processing
Laser and Particle-Beam Chemical Processing for Microelectronics

Epitaxy of Semiconductor Layered Structures

Multilayers: Synthesis, Properties, and Nonelectronic Applications

Defects in Electronic Materials

SiO₂ and Its Interfaces

Polysilicon Films and Interfaces

Silicon-on-Insulators and Buried Metals in

Semiconductors

Electronic Packaging Materials Science

Structure-Property Relationships in Opti-

cal Materials

Nonlinear Optical Properties of Polymers

Polymer Surfaces, Interfaces, and Adhe-

sion

Biomedical Materials and Devices

Plasma-Assisted Deposition of New Mate-

rials

Microstructure and Properties of Catalysts

Scientific Basis for Nuclear Waste Disposal

XI

Fly Ash and Coal Conversion By-Prod-

ucts: Characterization, Utilization, and

Disposal IV

Bonding in Cementitious Composites

Fractals and Disordered Materials

Workshop on Specimen Preparation for

Transmission Electron Microscopy of

Materials

Frontiers in Materials Science

Education in Materials Science and Engi-

neering: The Changing Role of Univer-

sity, Industry, and Government

Interactions

Symposium X, Frontiers in Materials

Education will also be offered as a lunch-

time forum, and a short course program

featuring complementary topics is also

planned. See upcoming issues of the MRS

BULLETIN for details on the program.

MRS

Proceedings of the first MRS symposium on biomedical materials addressing a broad range of today's materials problems, technologies and analysis techniques pertinent to bioengineering.

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Volume 55

Edited by J.M. Williams, M.F. Nichols, and W. Zingg

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