# Northwestern University Chapter Plans Activities

The Northwestern University Chapter of the Materials Research Society, chartered in April 1989, held its first "tech-wide" organizational meeting in May and received a supportive turnout from several different departments. Besides involving faculty, graduate students, and undergraduates in all its activities, the Northwestern Chapter hopes to involve all the engineering departments, including materials science, chemical, mechanical, civil, biomedical, electrical, and possibly industrial engineering as well as chemistry and physics.

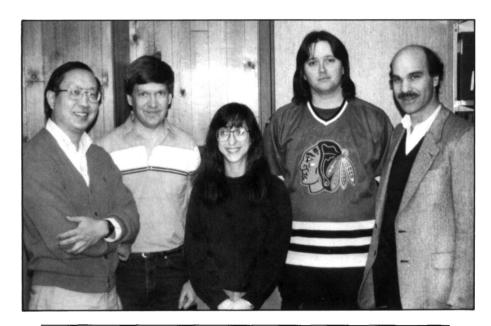
The chapter plans to have monthly speakers, including industrial and academic speakers as well as graduate students. At the chapter's first meeting on July 13, 1989, Steven Grubb from Amoco Technologies discussed "Fiber Optic Lasers." Other planned activities include paper contests and trips to several local industries. In addition, several students submitted abstracts for the upcoming MRS Fall Meeting in Boston.

For information about the Northwestern University Chapter, please contact: Hilary L. Hampsch, Department of Materials Science, Northwestern University, 2145 Sheridan Road, Evanston, IL 60208; telephone (312) 491-8132.

# Members of Florida University Chapter Reap Awards

In 1988, five undergraduate student members (and many other graduate students) of the MRS Florida University Chapter attended the MRS meetings in Reno and Boston. At the 1988 MRS Spring Meeting in Reno, Bruce Zoitos received an MRS Graduate Student Award for his presentation, "The Role of Surface Layers in the Leaching Behavior of Glass." This year another MRS University Chapter member, Maggie Puga, captured first prize in a student paper contest sponsored by the American Vacuum Society (Southeast Region) for her paper on "The Effect of Heavy Metal Contaminants on the Physical and Electrical Characteristics of SIMOX Structures."

Chartered in December 1987, the Florida University Chapter was organized to foster interaction among students pursuing the electronic materials option in materials science, and recent chapter activities included a field trip to Harris Semiconductor in Melbourne, Florida. Laboratory visits were also coordinated for the 26th Annual Florida Junior Science, Engineering and Humanities Symposium, and during this year's advising colloquim for preengineering students the chapter spon-



Attending the Northwestern University Chapter's organizational meeting are (left to right): Bob Chang, MRS president and faculty adviser; Lou Rector, secretary/treasurer; Hilary Hampsch, president; Don Davis, vice president; and Mark Ratner, faculty adviser.



Officers of the Florida University Chapter (left to right): Steve Hartle, president; Frank Prevatt, vice president; and Joe DiPietro, secretary/treasurer.

sored an MRS information table with a video presentation. The chapter also sponsored invited seminars by distinguished faculty and assisted Florida University's graduate student seminar series by providing audio-visual equipment and refreshments.

The chapter plans to sponsor members

who wish to attend the 1989 MRS Fall Meeting in Boston.

For information about the University of Florida Chapter, contact: Dr. Kevin Jones, MRS University Chapter Adviser, 214A Rhines Hall, University of Florida, Gainesville, FL 32611; telephone (904) 392-9872.

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## Alabama A&M Chapter **Participates in Huntsville Symposium**

On May 16 and 17 the MRS University Chapter at Alabama A&M University participated in the Technical and Business Exhibition/Symposium in Huntsville, Alabama, sponsored by the Huntsville Association of Technical Symposiums (HATS). The AAMU Chapter, an associate member of HATS, displayed information about the Materials Research Society in a booth

shared with HATS. This was a highly successful venture, with many people visiting the booth to hear about MRS and the activities of the AAMU Chapter. Chapter representatives encouraged qualified people to join MRS and expressed the chapter's interest in establishing relationships with local industries. The main exhibitors included NASA, McDonnell Douglas, Martin Marietta, Boeing, and Redstone Arsenal, all part of the high-tech community in Huntsville. There were also participants from other parts of the United States and Canada.

The AAMU Chapter is currently organizing the student session and poster sessions of the Alabama Materials Research Conference being held in Huntsville, September 19 and 20, 1989.

For information, please feel free to contact Hemanta Jena, President, Alabama A&M University Chapter of MRS, Department of Physics, Alabama A&M University, Normal, AL 35762; telephone (205) 851-5305; fax (205) 851-7984.







#### FIRST CALL FOR PAPERS 40th ELECTRONIC COMPONENTS AND TECHNOLOGY CONFERENCE TO BE HELD AT THE BALLY HOTEL LAS VEGAS, NEVADA MAY 21-23, 1990

The Electronic Components and Technology Conference is jointly sponsored by the Components, Hybrids and Manufacturing Technology (CHMT) Society of the IEEE and the Electronic Industries Association. You are invited to submit papers that provide information on new developments and knowledge in the following areas:

## CONNECTORS:

new or improved devices or techniques emphasis on high I/O, surface mount applications

## DISCRETE COMPONENTS:

emphasis on surface mount applications

## FIBER OPTICS:

design, development, applications

# HYBRID MICROCIRCUITS:

design, applications, new technologies

### INTERCONNECTIONS:

first level interconnections emphasis on surface mount applications

## MANUFACTURING TECHNOLOGY:

JIT, robotics, design for manufacturability, cost identification and control

### MATERIALS:

organics, inorganics, superconductors, metals, ceramics

## PACKAGING:

all levels, emphasis on surface mount applications multichip packaging, electrical & mechanical simulation

### RELIABILITY:

assessment, failure analysis, failure modes, accelerated testing, qualification of components

You are invited to submit ten (10) copies of a 500-word abstract describing the scope, content, and key points of your proposed paper to:

> Dr. Susan Schlough AT&T Beil Laboratories 250 Cherry Hill Road Parsippany, NJ 07054 (201) 299-3291

The abstracts must be received by October 31, 1989. You must enclose your mailing address, business telephone number, and facsimile number with your submission. Foreign authors should also include a telex number.

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