

### Northern California Section Welcomes Spring Meeting Attendees

The Northern California Section of the Materials Research Society invites Spring Meeting attendees to participate in a social hour on Sunday, April 14, 7:00-9:00 p.m. on the Convention Level of the Golden Gateway Holiday Inn. Participants will enjoy beer, snacks, and a cash bar and "formal" entertainment of Böhmische-style lectures on materials topics. Speakers will be J. Mayer (Cornell University), T. Cahill (University of California, Davis), and C. Evans (Charles Evans and Associates).

### Tuesday Evening Poster Sessions Provide Opportunity for Crosstalk

Poster presentations at the Spring Meeting are scheduled for Tuesday, April 16, 7:00-9:00 p.m. in their respective symposium meeting rooms, when meeting attendees are invited to discuss the poster topics with the authors. The posters will remain on display throughout the remainder of the meeting, enabling those attending other symposia to view the displays at their convenience.

### New MRS Proceedings Volumes on Sale at Spring Meeting

The first three proceedings volumes published from symposia presented at the 1984 Fall Meeting will be on display and available for purchase for the first time at the Spring Meeting. The publications desk in the registration area will have copies for purchase of *Layered Structures, Epitaxy, and Interfaces* (Volume 37, edited by J. M. Gibson and L. R. Dawson), *Plasma Synthesis and Etching of Electronic Materials* (Volume 38, edited by R. P. H. Chang and B. Abeles), and *Electronic Packaging Materials Science* (Volume 40, edited by E. A. Giess, K.-N. Tu, and D. R. Uhlmann).

Attendees can purchase these three new titles plus place orders for the other seven proceedings volumes scheduled for publication within the next few weeks. Attendees are also reminded that five volumes are to be published from the symposia being conducted at the Spring Meeting. These five volumes can be ordered during the Spring Meeting at a special pre-publication price. Prices for members will be higher following publication of the books.

### George E. Pake to Address Plenary Session at Spring Meeting

George E. Pake, group vice president, corporate research for Xerox Corporation, will address the 1985 MRS Spring Meeting at the Plenary and Student Awards Session, Monday, April 15, 1985 at 6:00 p.m. Dr. Pake will discuss "The Material Foundation of Modern Scientific and Technological Advances." As author of three physics monographs and approximately 50 papers, Pake has contributed a wealth of knowledge to the materials community. He is a member of the National Academy of Science, the American Academy of Arts and Sciences, the American Association of University Professors and is a Fellow and past president of the American Physical Society.



George Pake

Pake has served on numerous government and academic advisory panels, including the President's Science Advisory Committee, the NSF's Industrial Panel on Science and Technology, and the National Research Council's Commission on Physical Sciences, Mathematics, and Resources. In 1983, the American Physical Society created the George E. Pake prize to recognize outstanding work by physicists combining research accomplishments with leadership in management of research and development in industry.

During the 1970s, the new Xerox Palo Alto Research Center under Pake's leadership gained recognition for its work in laser xerography, distributed computing, local networking (Ethernet), high-level programming languages, physics of complex dynamical systems, laser diode research, VLSI design methodology, and other research domains.

Following a question-and-answer period at the conclusion of Pake's address, a reception will be held. All meeting attendees are invited to hear Dr. Pake's address and participate in the post-session gathering.

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## Spring Meeting Symposia Support

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The Materials Research Society appreciates the support and interest of the following organizations for the 1985 Spring Meeting.

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## Five Young Scientists to Receive Student Awards at Spring Meeting

For the first time at the MRS Spring Meeting, Student Awards will be presented to a group of graduate students who are conducting outstanding research in a topic to be addressed by one of the symposia at the Spring Meeting. The chairperson of the Awards Committee, Woody White, announced that the awards will be presented to five students who are presenting papers in two of the Spring Meeting symposia. A large number of applications were received for these awards, and the Awards Committee was faced with the difficult task of determining the recipients of a limited number of awards from this year's group of highly qualified candidates.

"The purpose of the Graduate Student Award Program," White stated, "is to recognize the contributions of graduate students to materials research, and to encourage the active participation of students in the meetings and other activities of the MRS. The fact that a large number of applications have been received for these awards demonstrates that a growing number of highly qualified students are becoming aware of the programs and objectives of the Society. This year, for the first time, student awards will be presented at both the Spring Meeting and the Fall Meeting. Students are encouraged to submit applications now for the Fall Meeting awards."

The Spring Meeting Award recipients and the titles of the papers they will present are:

### Symposium C

**Charlene J. G. Kubiak**, materials engineering, University of Wisconsin, Milwaukee, "Optical Behavior of Sputter Deposited Aluminum Nitride: Relationship to Film Chemistry."

**Eric Marshall**, electrical engineering, University of California at San Diego, "Metal-Germanium Contacts and Germanide Formation."

### Symposium E

**Aubrey L. Helms, Jr. and Chih-Chen Cho** (joint award), chemistry, Princeton University, "The Use of LEED for Characterization of the Ni/NiO Interface Region in Oxidized High Purity Nickel by Transmission Electron Microscopy."

Presentation of the awards, which includes a waived registration fee, cash grant and plaque, will be held Monday evening, April 15 in conjunction with the Plenary address by George E. Pake.



## PROCEEDINGS OF THE 1985 SPRING MEETING

San Francisco • April 15-18

Order copies of the five volumes to be published from the symposia conducted at this extensive meeting. These special prices are offered for a limited time only. Both the MRS member and list prices will be higher after publication of the books.

Proceedings	MRS Members	List Price	
		U.S.	Foreign
<i>Ion Beam Processes in Advanced Electronic Materials and Device Technology (Symposium A)</i>	\$30	\$36	\$42
<i>Microscopic Identification of Electronic Defects in Semiconductors (Symposium B)</i>	\$36	\$43	\$50
<i>Thin Films: The Relationship of Structure to Properties (Symposium C)</i>	\$25	\$30	\$35
<i>Applied Materials Characterization (Symposium E)</i>	\$36	\$43	\$50
<i>Materials Issues in Application of Amorphous Silicon Technology (Symposium F)</i>	\$30	\$36	\$50

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