

INSIDE...**MRS-EUROPE**

*Full Report of June Meeting,
Including Symposia Summaries*

ANNUAL MEETING

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Short Courses, Speakers, Events*

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*San Francisco Meeting
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AN MRS SALUTE

*To Two of Its Most
Effective Supporters*

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*About The Society, Its Members,
And Matters of Materials Interest*

MRS CHAPTER FORMED

*North Carolina Group Forms First Regional Chapter;
Characteristically, It is Kicked Off With A Workshop*

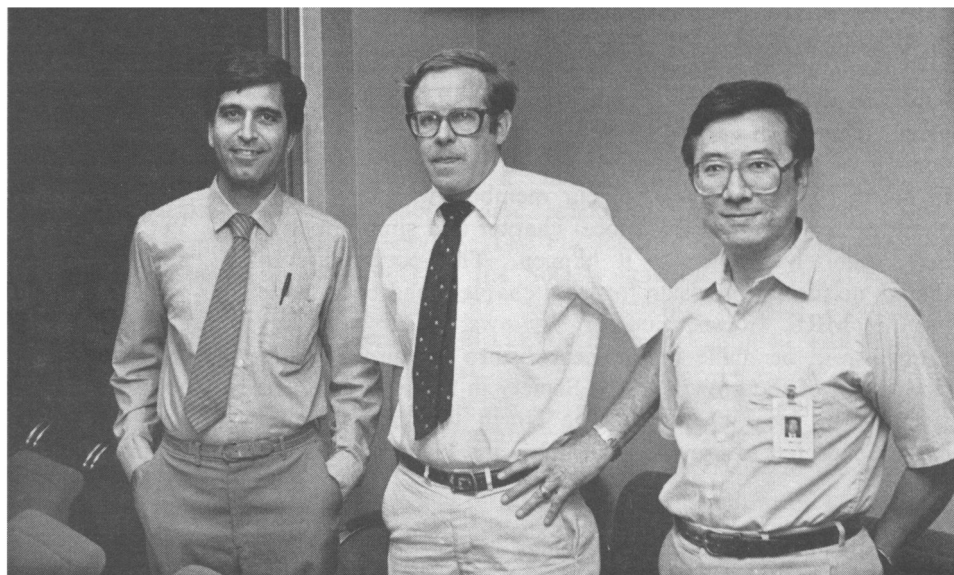
The North Carolina Chapter of the Materials Research Society has been established as the first of a planned series of regional assemblies of the Society. Characteristically for the MRS, this has been a grass-roots development, embraced by the Society as part of its long-range strategy of enhancing member services. It joins MRS-Europe and developing associations elsewhere in the United States and internationally in a linked affiliation of MRS-sponsored associations dedicated to advancing the interests of materials professionals.

Technical Meeting Held

Also characteristically, the North Carolina Chapter's first order of business was a technical meeting. It was held in June, on the topic "Metal-Semiconductor Interfaces: Kinetics and Reactions." MRS President C.W. "Woody" White welcomed the new Chapter into our Society, and delivers this report:

"The North Carolina Chapter has gone from an ad-hoc committee of organizers to a full-fledged Chapter

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MRS PRESIDENT 'WOODY' WHITE (center) takes a break at the inaugural meeting of the MRS North Carolina Chapter with its President, Wei-Kan Chu (right), and Vice President, Devandra Sadana.



MRS PRESIDENT 'Woody' White addresses the inaugural meeting and workshop of the Society's new North Carolina Chapter

CHAPTER

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with a successful meeting under its belt in about three months. From our first contact I could tell this group was committed to success. I know I speak for everyone in the MRS when I say we are proud our reputation for results-oriented meetings has attracted people like the members of the North Carolina Chapter to affiliate with us in a common effort to promote serious multidisciplinary work in materials laboratories and curricula."

How it Came About

Woody relates: "Several MRS members in the North Carolina region are actively involved in the Society's events. For example, Donald Beilman, President of the Microelectronics Center of North Carolina, was a keynote speaker at our 1983 Annual Meeting in Boston. George Rozgonyi, Jim Crawford, Wei-Kan Chu, Richard Fair, and C.C. Koch have been or will be symposia chairmen at MRS meetings. Arnold Reisman, Devandra Sadana, and Ray Benson have been session chairmen or invited speakers, and there are many other contributors in the region. They recognized the need for a local chapter to bring materials researchers together.

"The timing for MRS-NC was fortuitous. The effort

began in April, when S.S. Lau, another active MRS member from the University of California at San Diego, called Wei-Kan Chu for the arrangement of a one-day visit to Chapel Hill for Lau and Jim Mayer, the recipient in 1981 of the Society's Von Hippel Award. Mayer and Lau have many North Carolina friends, and Chu confronted a real problem scheduling them for a single day—five minutes per person; parallel sessions; no way! In order to get around the scheduling problem, Sadana, Osburn, and Chu had the idea of having a one-day workshop. Rozgonyi had the excellent idea of making the workshop coincide with the establishment of MRS-NC. An ad-hoc committee was quickly organized comprising Rozgonyi, Sadana, Fair, Chu, Crawford, and Osburn. Letters and telephone calls were exchanged among the North Carolinians and the MRS national headquarters. Dick Schwoebel, MRS Secretary, and I had headaches of the most pleasant sort. We were delighted about the local initiative, but had no policy for the establishment of local chapters. Ed Beauchamp, Sandia National Labs, generated a draft of changes to the Society's Constitution and By-laws to recognize local chapters just ten days before the workshop was to be held.

Birth of the First Chapter

"The day of the workshop, June 7, began with the lecture

by Jim Mayer, Bard Professor at Cornell, on 'The Influence of Ion Implantation on Silicide Formation and Contact Erosion.' This was followed by a group discussion on silicide technology led by Carlton Osburn. The afternoon session began with Professor Lau's lecture on 'Contact Metallurgy,' followed by a group discussion of shallow junctions led by Wei-Kan Chu.

"The talks were loaded with information and laced with humor. The discussions were even livelier, prompting sharp exchanges. Among the 60 or so attendees, about half were graduate students in the Research Triangle area. Many of them seemed bewildered by the give-and-take during the discussion sessions, but none seemed disappointed. One told me, 'I learned more in one day here than from my silicide reading for the whole semester.'

Contagious Enthusiasm

"I think that student exaggerated somewhat, but it was understandable given the contagious enthusiasm among these participants. I don't mind telling you that, although the job of President of a Society as large and diverse and energetic as the MRS is often extremely demanding, it conveys many rewards, and I received one when I gave a little talk welcoming the North Carolina Chapter into the

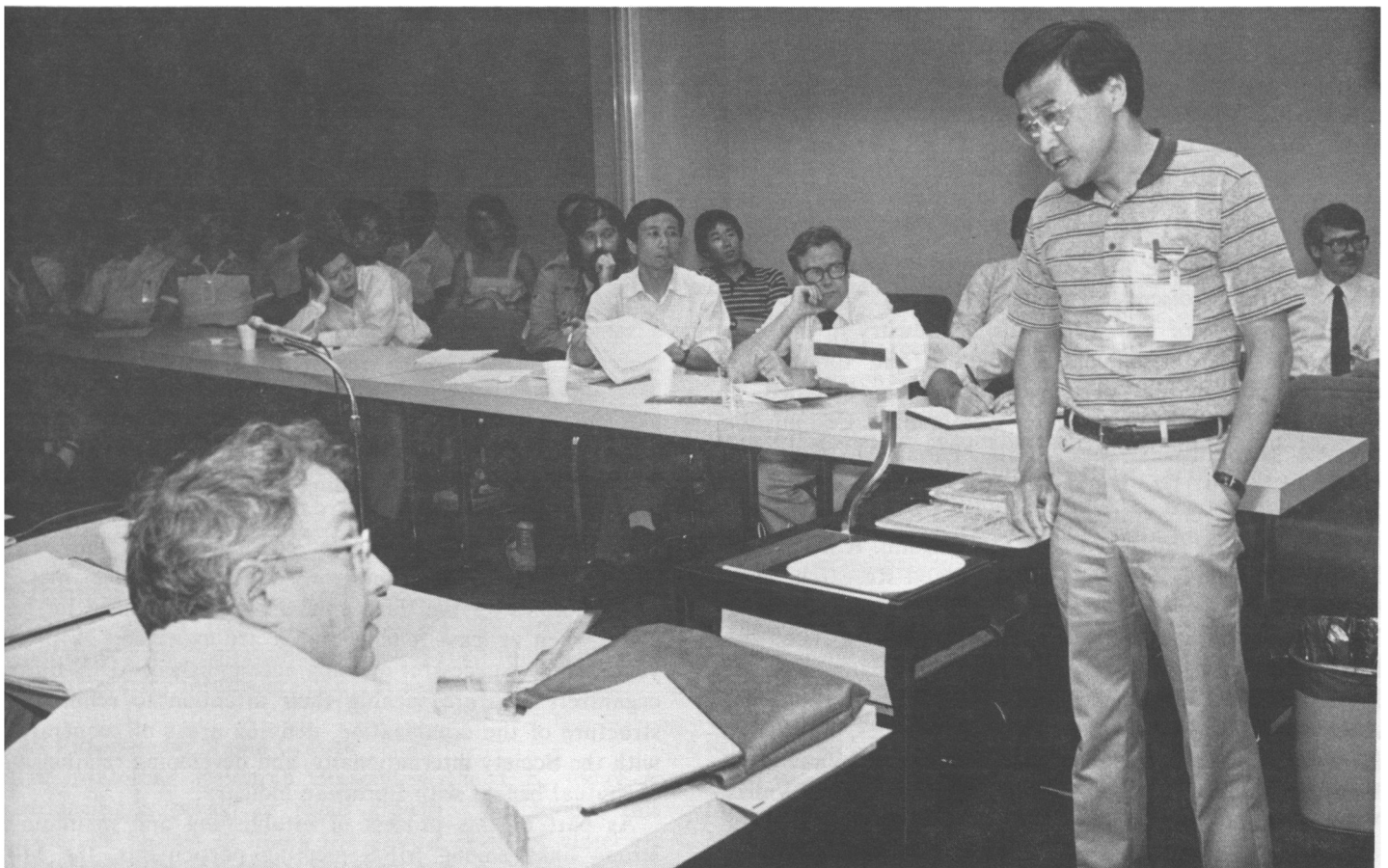
Society. Naturally, I emphasized the interdisciplinary nature of the MRS, but that was scarcely necessary, given that heterogeneous audience. I sought to convey to them how delighted the Society is that it has been successful in

MRS-NC joins MRS-Europe In a growing network of regional Societies linked to enhance professional support

helping to the channel the energy present in that room into a force for a more cohesive collaboration among materials professionals in the Research Triangle. And, frankly, I talked a lot of shop. That's what we were really there for."

Officers Elected

The North Carolina Chapter of the MRS also has elected its first officers. They are Wei-Kan Chu, President; Devandra Sadana, Vice President and Secretary, and Jim Crawford, Treasurer. They and the members of the organizing committee will plan future programs of MRS-NC, and will advise the Society on policies and procedures for developing other regional chapters.



DISTINGUISHED SPEAKER S.S. Lau answers a question raised by Von Hippel Award recipient J.W. Mayer in the workshop sponsored by the North Carolina Chapter