

## 1987 Spring Meeting Continues Some Traditions, Offers New Activities

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MRS President

The 1987 MRS Spring Meeting to be held April 21-25 in Anaheim, California is designed to provide participants with the opportunity for informed discussion and debate of research findings in the frontier areas of materials research. The primary focus of the meeting is 13 technical symposia organized by meeting chairs Russ Chianelli of Exxon Research and Engineering Company, Graham Hubler of the Naval Research Laboratory, and Greg Olson of Hughes Research Labs. The meeting chairs have worked for more than a year to prepare their program. During this time they have selected the symposia topics, identified a group of outstanding symposia organizers, and worked with these symposia organizers to ensure the technical excellence of the entire program.

The symposia they have selected certainly fulfill the MRS mission to highlight multidisciplinary research topics at the forefront of materials research. The 1987 Spring program spans a wide range of materials from electronic materials, magnetic materials, and catalytic materials to superconductors. Research findings in materials synthesis, modification, and processing will be highlighted in these 13 symposia.

The meeting chairs give careful attention to the current urgency for technical communication when selecting symposia topics. The symposium on superconductors was added late in the planning because the very recent developments (even since the 1986 MRS Fall Meeting symposium on superconductors) pointed to the urgent need for communication and exchange of information on this topic. The meeting chairs responded to requests from the membership and added the symposium on Superconductors with  $T_c$  over 30 K.

The very popular noontime Symposium X, Frontiers of Materials Research, organized by Rustum Roy will once again be featured at the MRS Spring Meeting. These authoritative reviews by leaders in a field are designed to give nonspecialists an overview of frontier areas of materials research which are featured at the meeting.

On Wednesday evening the Society will host an Awards Ceremony as part of the Plenary Session. The 1987 Spring Meeting Graduate Student Awards will recognize the contributions of students conducting research on topics addressed in symposia at the meeting. The Plenary Address at the 1987 MRS Spring Meeting will be given by Dr. Bonnie Dunbar of NASA, who will



speak on materials processing in space.

The size of the MRS meeting is intentionally limited to allow and encourage participants to "take in" and "experience" a large part of the program. Exchange of scientific information is an integral part of the research process, and the MRS meeting format is designed to optimize the effectiveness of this exchange. Invited talks are spread throughout the week, and symposia are encouraged to run joint poster sessions. In addition, MRS will host daily coffee breaks and a reception following the Plenary Address on Wednesday evening.

Twenty-one short courses are slated to run in conjunction with the 1987 Spring Meeting. The MRS Short Courses are offered in recognition of the need for continuing education in a format compatible with an active research career. These courses feature the most up-to-date information, taught by experts in the field. The courses are targeted toward "advanced" students, researchers switching fields, and those who want to learn state-of-the-art materials research skills. Four new courses are being introduced at this meeting: Metallization for VLSI Technology, IC Failure Analysis, Vacuum Technology for Materials Processing, and Solid Lubricants and Tribological Properties of Solids in Contact. This program was developed through the outstanding work of our Short Course Manager Vivienne Harwood Mattox together with input from the Education Committee, cochaired by L. Ralph Dawson in 1986 and Al Romig starting in 1987.

Eight Spring Meeting symposia will publish proceedings. The MRS Symposia Proceedings have become very popular, based

on comments received from MRS members in a recent survey and our success with sales. These proceedings make the content of the meeting available to a wide audience. Special pre-publication prices for the 1987 Spring Meeting volumes are offered to MRS members and meeting participants. The diligent work of MRS Publications Director Gail Oare, symposia organizers, authors, and referees have enabled us to publish proceedings shortly after the meeting. In fact, four proceedings from the 1986 Fall Meeting will be completed and available at the Spring Meeting.

The facilities available at the Anaheim Marriott Hotel will enable us to run an equipment exhibit for the first time at the MRS Spring Meeting. The MRS Spring Show put together for MRS under the direction of MRS Show Manager Bob Finnegan of AIP, will be held in Marriott Hall. Another service offered to meeting participants is the MRS Job Placement Center managed by Beverly Citrynell. The purpose of the center is to arrange interviews between prospective employees and employers attending the meeting.

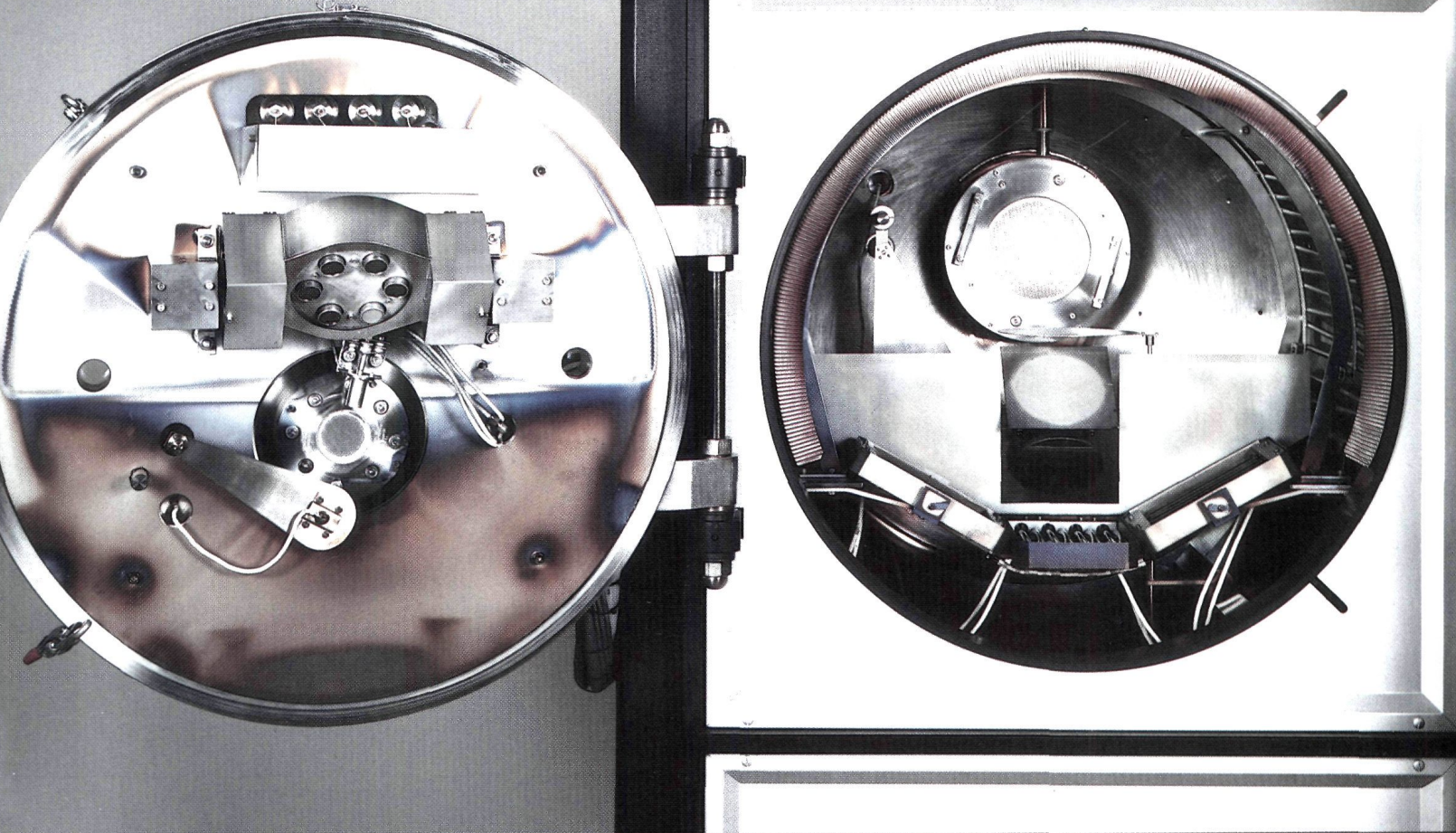
As you can see, the 1987 MRS Spring Meeting brings together the efforts of many individuals. Credit for the smooth running of the meeting goes to all the MRS staff headed by Executive Director John Ballance. Credit for on-site arrangements goes to Merry Geil and Marilyn Hauck, of The Complete Conference, who have come to know and understand the needs and wants of materials researchers.

Those of you who were not members of the Materials Research Society before the Spring Meeting are being given the benefits of membership on a complimentary basis. We believe the best way to become acquainted with the Society is by attending one of our meetings. Throughout 1987 you will come to know MRS as the membership society for the international research community working in the materials area.





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