

Long-Range Planning Committee Steers Society's Expansion

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The year 1985 is a very active year for the Society's Long-Range Planning Committee. This Committee is charged with the responsibility of giving careful consideration to the long-range goals and objectives of the Materials Research Society, and for suggesting ways and means to achieve these objectives. The last few years have been a time of very rapid growth in the membership and activities of the MRS. This growth shows no signs of leveling off, and consequently the work of the Long-Range Planning Committee becomes even more crucial to the orderly evolution of MRS.

Some of the important issues facing MRS at this time concern the type of activities the Society will provide to the materials research community in the future, and the financial obligation these activities will entail.

For the first time, the committee is attempting to project the size and activities of MRS several years into the future, so that we can have a realistic estimate of the permanent staff and Headquarters space necessary to provide the services. Under active study is the question of whether MRS should purchase a building to house MRS Headquarters. The present Headquarters was established in Pittsburgh only two years ago, but already the staff has been

expanded twice and the Headquarters has now completely outgrown the rental space it occupies. As part of this study, the Committee is considering ways in which MRS might finance the purchase of a Headquarters building, and methods are being explored to identify additional sources of revenue to support ongoing activities.

Additional activities of the Long-Range Planning Committee include: (1) identifying other topical areas to be included in future MRS meetings to provide broader topical coverage; (2) exploring ways to more actively involve university faculty with MRS; (3) contributing to the further development of MRS as a truly international organization by providing encouragement for MRS-style activities in other geographical regions; and (4) contributing to a significant expansion of the MRS Awards Program.

MRS is undergoing rapid growth because the Society provides a necessary service to

the materials research community. Through its meetings, short courses, **MRS BULLETIN**, conference proceedings, and the newly established *Journal of Materials Research*, the Society provides forums for the dissemination of information on interdisciplinary materials research. Many of these activities were begun following suggestions and guidance provided by the Long-Range Planning Committee. If the Society is to provide additional services to the community in the future, this Committee must anticipate several years in advance additional services and activities that will be required. The Committee attempts to do this by carefully considering the future needs of the materials research profession and then suggesting ways in which the Materials Research Society can satisfy those needs.

The Long-Range Planning Committee is chaired by Woody White, Immediate Past President of MRS. Committee members are Arden Bement, Bob Chang, Millie Dreselhaus, Ken Jackson, Elton Kaufmann, Harry Leamy, Clyde Northrup, Gordon Pike, Bob Rosenberg, Rustum Roy, Dick Schwoebel, Jan Skalny, and Fred Young.

*Woody White is chairperson of the Long-Range Planning Committee.

Finance Committee Meets Challenge of Rapid Society Growth

Donald E. Harrison*
Westinghouse Corporation



Don Harrison

Many very recent developments in the evolution of the Materials Research Society have resulted in the expansion and acceleration of activity by Finance Committee. The Committee's purpose is twofold: to ensure the overall financial health of the Society through monitoring its income and expenditures and to recommend and investigate new sources of income and cost-saving measures in support of Society activities.

Within the last two years MRS Headquarters has been established which now is comprised of seven full-time staff members; a computer system has been implemented to support membership records and general Society operations; and a new archival journal has been developed as a major membership benefit for the coming year, not to mention the more visible growth demonstrated in MRS' technical programming, short course program, proceedings publications, and **MRS BULLETIN**.

The Finance Committee, responding to the need for sound financial planning and control of MRS resources in support of this growth, has been working on a number of projects in cooperation with Committee chairs and MRS Treasurer Clif Draper.

Under direction provided by the Finance Committee, the Headquarters staff has increased by 75% within the last two months, but to accommodate this change the overall operating budget has risen 23%. The Committee has recently conducted a study on upgrading the accounting system

at MRS Headquarters and investigated hardware and software options to accomplish this task. It was responsible for conducting an audit of 1984 finances, obtaining Council approval in April for 1985 budget recommendations, and is now beginning the yearly budget cycle again for 1986. The Committee is also investigating options for constructing or buying an MRS Headquarters building.

At the same time the MRS Publications Committee was examining the efficacy of a new archival journal. The Finance Committee was charged with providing a financial assessment of the impact that such a journal would have during its crucial start-up period. To help ensure the viability of this major new publication the Committee is actively examining ways to allow various foundations and corporations to buttress other sources of support.

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The Finance Committee will continue to monitor the activities described above throughout the remainder of this year and beyond. And at the same time, it will pursue its responsibility to identify new sources of financial support for the Society's technical programming and to facilitate communication between government funding agencies and symposia organizers toward more rewarding interaction and expansion of the Society's educational programs.

The eagerness and dedication with which MRS members devote their time to tackling new ways for the Society to respond to the needs of the scientific community has been instilled in the Society from its inception. The Finance Committee supports these endeavors by contributing its expertise to ensure that new opportunities are addressed in a timely and responsible manner to facilitate the long, productive life of this vital organization.

**Don Harrison is chairperson of the Finance Committee*

Applicants Sought for MRS Graduate Student Awards

Students to be Recognized at 1985 Fall Meeting

Applications are now being accepted for awards to be given at the 1985 Fall Meeting to graduate students conducting research in an area of materials science. Fifteen awards, to consist of a \$250 cash grant, registration fee for the Meeting, and a certificate of achievement, will be bestowed during the Awards Ceremony during the 1985 MRS Fall Meeting in Boston. The deadline for the receipt of applications is **September 1, 1985**.

The awards are given in recognition of a student's contribution to outstanding research in an area of interest to one or more of the topical symposia included in the Fall Meeting. The dominant criteria used in the

selection process are scientific excellence and the demonstrated evidence of the student's contribution to the work. The paper need not be presented during the Fall Meeting to qualify, but participation in the Meeting will be considered in the selection process since one of the primary goals of the Awards Program is to encourage students to participate in the Meeting and to present their research accomplishments to the scientific community.

To obtain a Graduate Student Award application, contact MRS Headquarters, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237; telephone (412) 367-3003.

Institute for Materials Science Established at University of Antwerp

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On February 14, 1985, the University of Antwerp announced the formation of the Institute for Materials Science (IMS). This Institute is an association of 14 laboratories and research institutes located partly on its campus of Universitaire Instelling Antwerpen (UIA) and partly at the Rijksuniversitair Centrum Antwerpen (RUCA).

A considerable variety of physical and chemical techniques (both experimental and theoretical) are indispensable for the investigation of existing materials and for the development of new materials. Among the techniques used at IMS are:

- diffraction of electrons, neutrons and x-rays, electron- and ion microscopy;
- Mass spectrometry of gases, ions and

compounds;

- infrared, nuclear magnetic resonance and laser-spectroscopy;
- Mössbauer spectrometry;
- optical absorption and light scattering;
- ab-initio computation of electronic structure of solids with the development of vectorized codes for supercomputers;
- sputtering and vapor deposition; and
- damping of mechanical vibrations.

The equipment available at the IMS includes instruments for the analysis of the structure and chemical properties of materials at the atomic and electronic level, with high spatial and temporal resolution and high sensitivity.

The IMS has three main objectives:

1. To conduct fundamental research into the physics and chemistry of materials.
2. To participate in national and international programs for research and technology for related materials science.
3. To provide facilities for research groups from industrial laboratories and, where possible, to provide services for joint ventures with industrial laboratories.

The IMS has over 150 staff members with the technical and theoretical expertise for the solution of materials problems.

Research at the IMS fits in with the current developments in materials research which have made possible the mastery of materials at the scale of atoms and atomic monolayers.

1984 FALL MEETING PROGRAM AND ABSTRACT BOOK

This compact reference which contains an index to authors and chairs is an excellent compendium to the 14 proceedings and extended abstracts volumes to be published from the Meeting.

Send check for \$5.00 to:

Publications Department, Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237, telephone: (412) 367-3003