

J.S. Williams Joins Editorial Board of MRS Bulletin



Dr. James S. Williams, Director of the Microelectronics Technology Centre at the Royal Melbourne Institute of Technology (RMIT) since 1982, has joined the Editorial Board of the MRS BULLETIN. An active member of the Materials Research Society since 1978, he brings publications and research expertise to the position.

Williams obtained his PhD in physics from the University of New South Wales (Australia) in 1973. He held various research appointments at the University of Salford (England), the University of Aarhus (Denmark) and Bell Laboratories (Murray Hill, NJ) from 1973 to 1978 before returning to Australia to RMIT.

Williams' research expertise and interests have been in materials modification (especially using ion beams and lasers) and in materials analysis (particularly using Rutherford backscattering and channeling techniques). Highlights of his research include the development of high depth resolution backscattering techniques; the study of new ion-beam-induced amorphization processes in semiconductors and metals; the characterization of supersaturated solid solutions produced by ion implantation; the identification of impurity-related phenomena during solid phase epitaxial re-growth of high dose implanted layers; advances in understanding ion-beam-induced crystallization of semiconductors; and the development of microbeam techniques and channeling contrast microscopy for analyzing semiconductor structures.

Readers are invited to contact Williams, or any other member of the MRS BULLETIN's Editorial Board (see page 2 of this issue), with items or topics to be covered in the BULLETIN.



MRS Seeks Candidates for Graduate Student Awards at 1986 Fall Meeting

The Materials Research Society announces the availability of up to 15 awards for graduate students conducting research on a topic to be addressed in the symposia planned for the 1986 Fall Meeting. Each award will consist of a cash grant of \$250 and an engraved award, to be presented at the Von Hippel Award ceremony during the meeting, and a waiver of the meeting registration fee.

Criteria for selection are:

1. Graduate standing in a recognized academic program in either materials science, metallurgy, ceramics, or polymers; physics or chemistry; geology or mineral science; electrical, civil, mechanical, mining, or nuclear engineering; or other materials-related field.
2. Participation in a research project dealing with one of the symposium topics for the 1986 Fall Meeting, as listed in the March/April MRS BULLETIN (Vol. XI No. 2, pp. 31-36).
3. Outstanding performance in the conduct of this project and promise for future substantial achievement in materials research as judged by the faculty advisor.
4. Significant and timely research results as judged by the chairperson of the appropriate symposium.

Application materials required are:

1. Application form obtained by writing or calling MRS Headquarters.
2. Abstract of relevant thesis or publication.
3. Letter of support from research supervisor.

Deadline for completed application is September 1, 1986. Awards will be announced October 1, 1986. Obtain application form from and submit completed application to:

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