MRS BULLETIN

A Publication of the
Materials Research Society
Volume XII, Number 2 February 16/March 16, 1987
ISSN: 0883-7694

ADVANCES IN ION BEAM PROCESSING AND SYNTHESIS

ISSUES

TECHNICAL FEATURES

MRS NEWS

INTERNATIONAL

DEPARTMENTS

ON THE COVER: *Nitrogen ion implantation is becoming widely used for treating titanium alloy knee joints. See "Ion Implantation" by S.T. Picraux and P.S. Peercy in this issue. (Photo courtesy of Spire Corporation.)*

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The Materials Research Society (MRS) is a nonprofit scientific association founded in 1973 to promote interdisciplinary goal-oriented basic research on materials of technological importance. Membership in the Society includes more than 4,800 scientists from industrial, government, and university research laboratories in the United States and more than 25 countries.

The Society's interdisciplinary approach to the exchange of technical information is qualitatively different from that provided by single-disciplinary professional societies because it promotes technical exchange across the various fields of science affecting materials development. MRS sponsors two major international annual meetings encompassing approximately 30 topical symposia, as well as numerous single-topic scientific meetings each year. It recognizes professional and technical excellence, conducts short courses, and fosters technical exchange in various local geographical regions through Section activities and Student Chapters on university campuses.

MRS is an Affiliated Society of the American Institute of Physics and participates in the international arena of materials research through associations with professional organizations such as European MRS.

MRS publishes symposia proceedings, the *MRS BULLETIN*, *Journal of Materials Research*, and other volumes on current scientific developments.

For further information on the Society's activities, contact MRS Headquarters, 9800 McKnight Road, Suite 327, Pittsburgh, Pennsylvania 15237; telephone (412) 367-3003.

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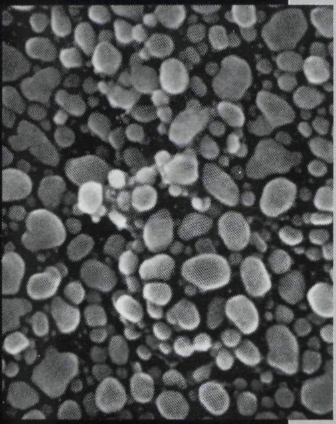

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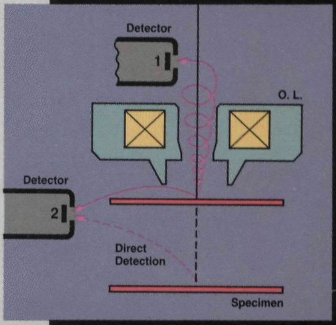

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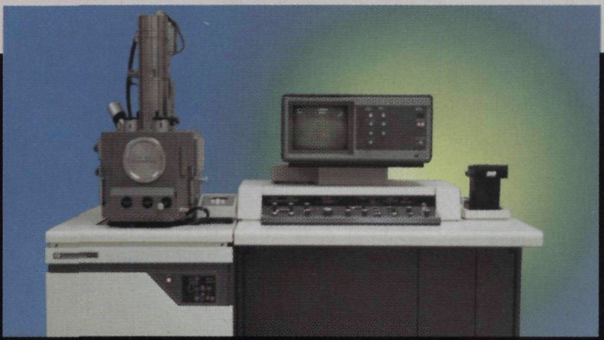

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