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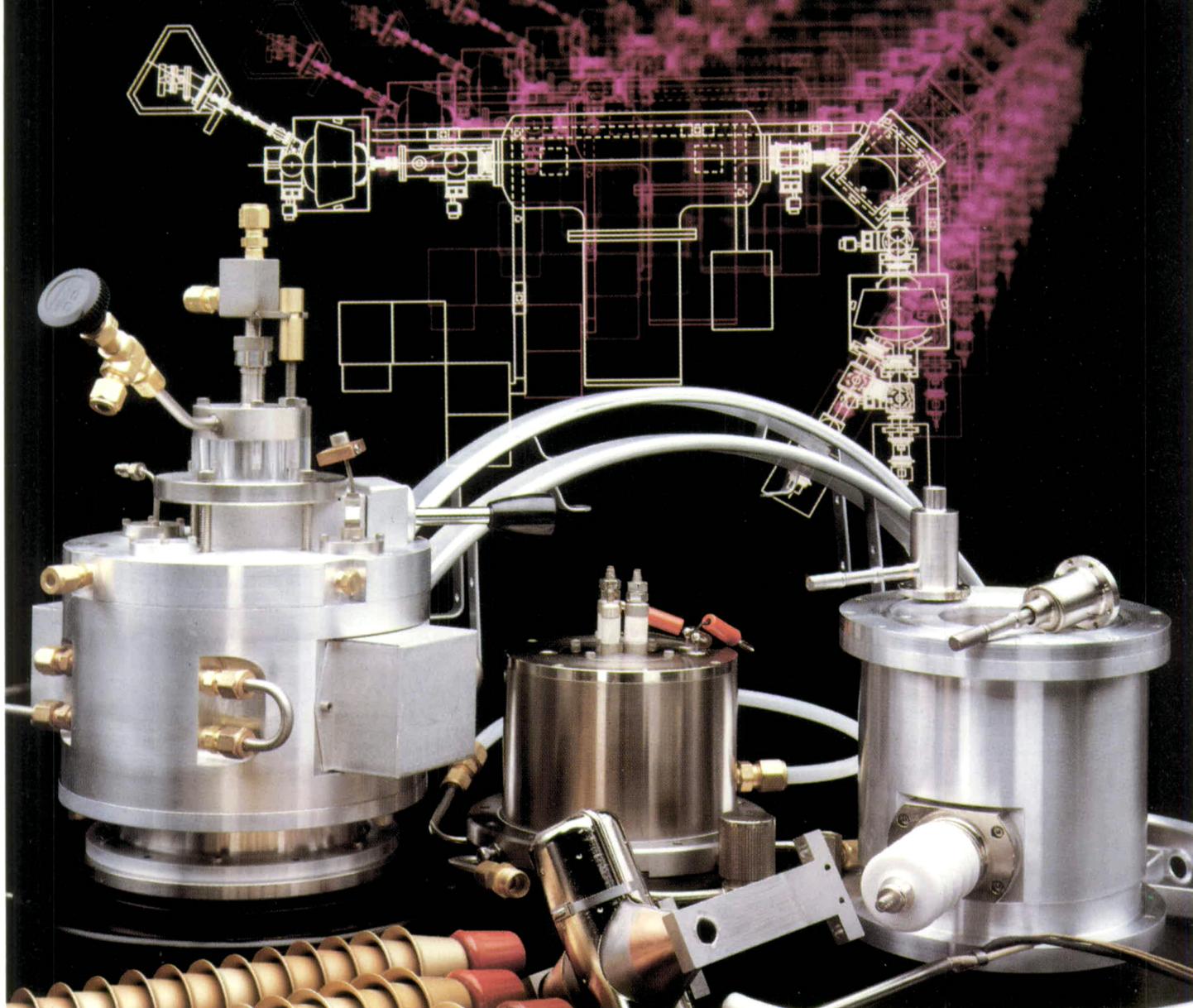
August 1988

Volume XIII, Number 8

Serving the International Materials Research Community

Photonic Materials





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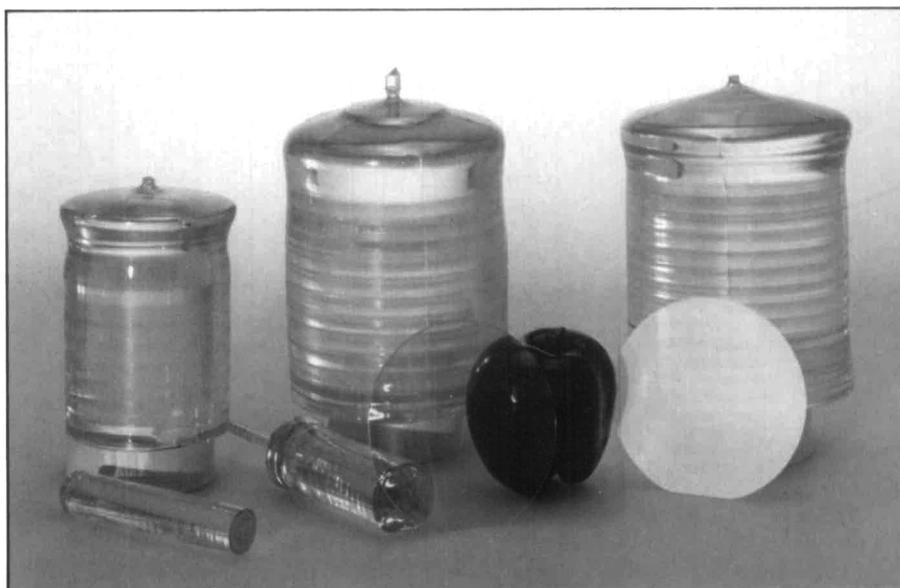
ON THE COVER: Shown on this month's cover are lithium niobate single crystals for electro-optic devices. Crystals are grown from the melt using the Czochralski technique, and devices are fabricated on wafers sliced from these boules. A typical 4-inch wafer is shown. For more information see the articles on photonic materials in this issue, especially "Optical-Guided-Wave Modulators" by R. A. Becker. Photo courtesy of C. D. Brandle and G. W. Berkstresser, AT&T Bell Laboratories, Murray Hill, New Jersey.

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The Society's interdisciplinary approach to the exchange of technical information is qualitatively different from that provided by single-discipline 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 geographic 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 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; facsimile (412) 367-4373.



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