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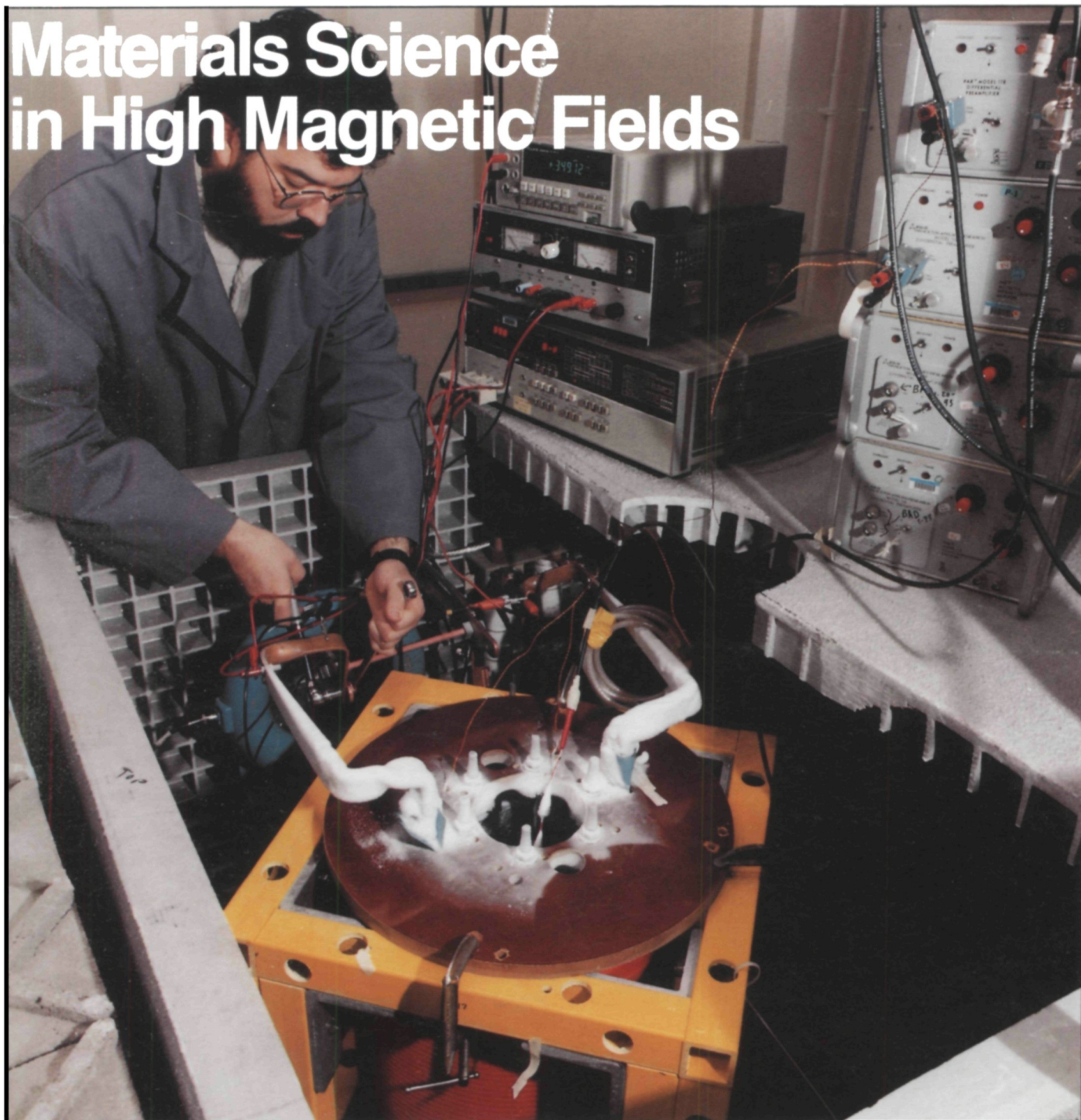
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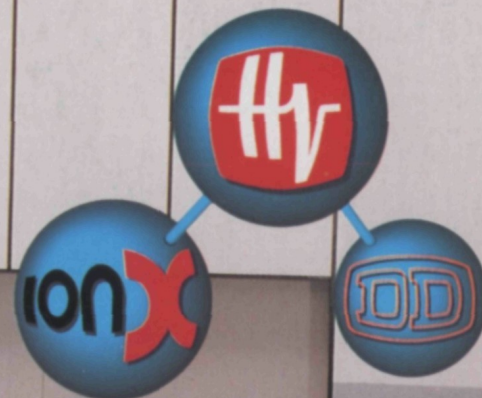
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The *MRS Bulletin*, in its 19th year, is a monthly news magazine which offers technical overview articles and focuses on news and trends in the materials industry and education. In 1994, the *MRS Bulletin* will provide special focus issues on: mathematical modeling of materials processing, emerging technologies for wood-based materials, photorefractive materials, porous materials, disordered materials, and much more.

Regular features include: research/researchers, resources, historical note, education exchange, material matters, from Washington, book reviews, conference news/calendar international union of materials research societies, classified.



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August 1993

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ON THE COVER: Alex Lacerda of the National High Magnetic Field Laboratory tightens current leads to a 50 tesla magnet at the pulsed field facility at Los Alamos National Laboratory. These magnets, available to users since December 1992, are employed for a wide variety of materials studies, including magnetization, magnetoresistance, magnetostriction, Hall effect, and de Haas-van Alphen measurements, from 50 mK (beginning in the fall of 1993) to room temperature. For more information on this topic, see the section on Materials Science in High Magnetic Fields, which starts on page 17.

About the Materials Research Society

The Materials Research Society (MRS), a non-profit scientific association founded in 1973, promotes interdisciplinary goal-oriented basic research on materials of technological importance. Membership in the Society includes nearly 11,000 scientists, engineers, and research managers from industrial, government, and university research laboratories in the United States and nearly 50 countries.

The Society's interdisciplinary approach differs from that of single-discipline professional societies because it promotes information exchange across the many technical fields touching materials development. MRS sponsors two major international annual meetings encompassing approximately 50 topical symposia, and also sponsors numerous single-topic scientific meetings. The Society recognizes professional and technical excellence, conducts short courses, and fosters technical interaction in local geographic regions through Sections and University Chapters.

MRS participates in the international arena of materials research through the International Union of Materials Research Societies (IUMRS). MRS is an affiliate of the American Institute of Physics.

MRS publishes symposium proceedings, *MRS Bulletin*, *Journal of Materials Research*, and other publications related to current research activities.

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