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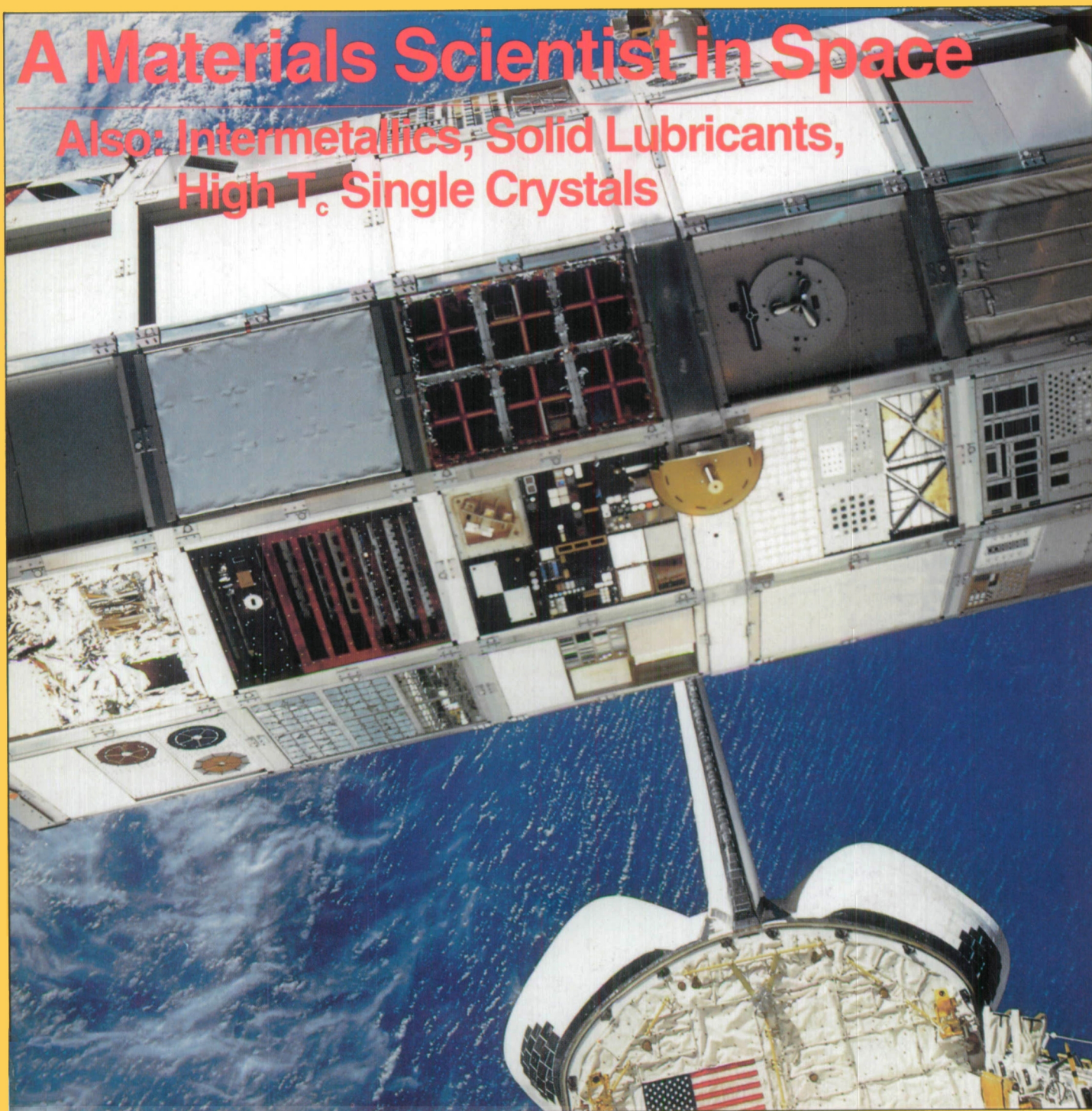
A Publication of the Materials Research Society

May 1991, Volume XVI, No. 5



A Materials Scientist in Space

Also: Intermetallics, Solid Lubricants,
High T_c Single Crystals



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ON THE COVER: A photo of the long-duration exposure facility (LDEF) retrieved by the crew of the space shuttle Columbia at the end of an 11-day mission in January 1990. After five and a half years orbiting the Earth, LDEF was brought back for scientific observation. The bus-sized spacecraft was held in the grasp of Columbia's remote manipulator and rotated repeatedly to accommodate a photo survey. For more about materials science in space, see the text of astronaut Bonnie Dunbar's plenary address at the 1990 MRS Fall Meeting on p. 36. (Photo courtesy of NASA.)



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About the Materials Research Society

The Materials Research Society (MRS), a nonprofit scientific association founded in 1973, promotes interdisciplinary goal-oriented basic research on materials of technological importance. Membership in the Society includes more than 10,000 scientists, engineers, and research managers from industrial, government, and university research laboratories in the United States and more than 40 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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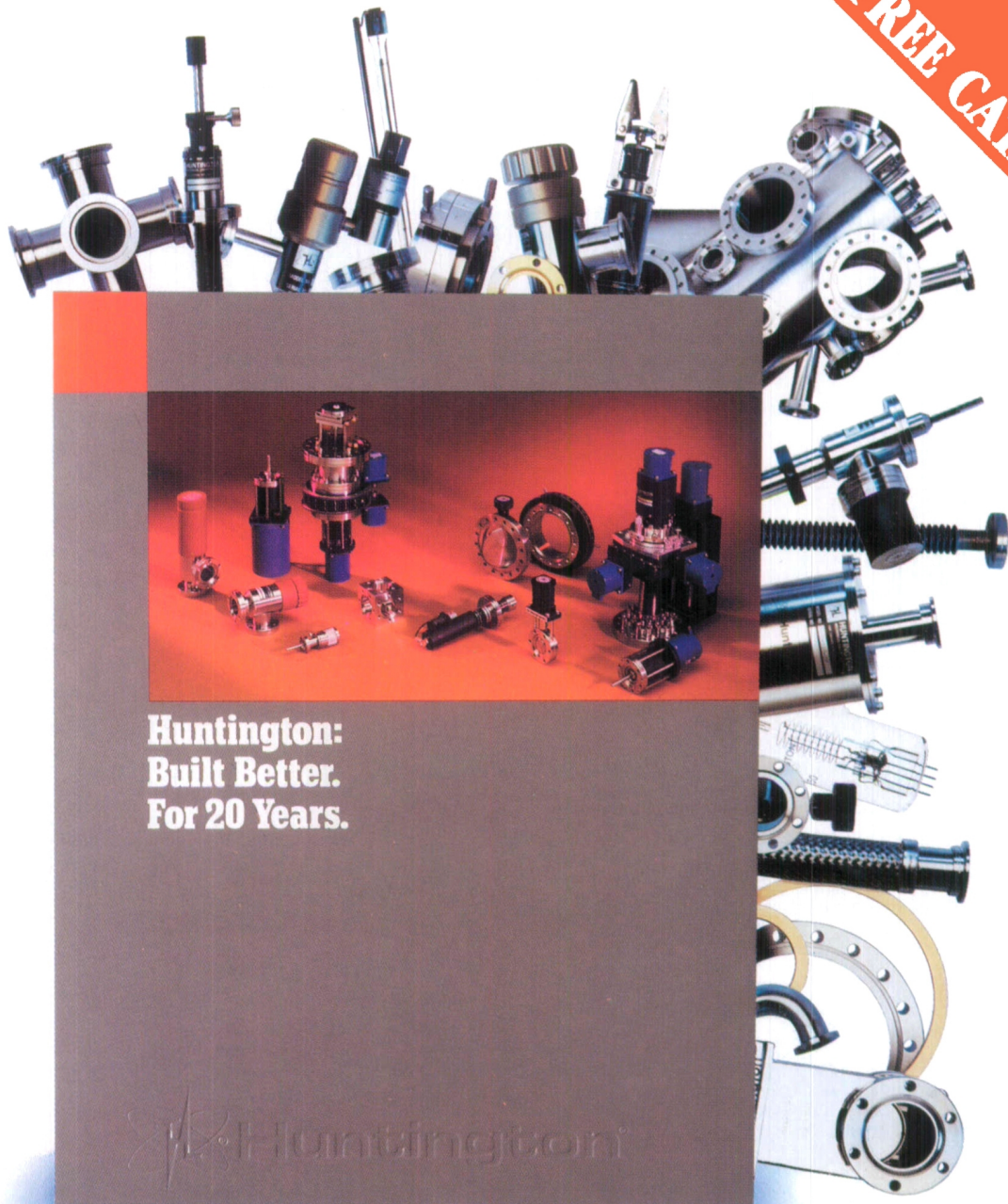
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