

**MRS**

# BULLETIN

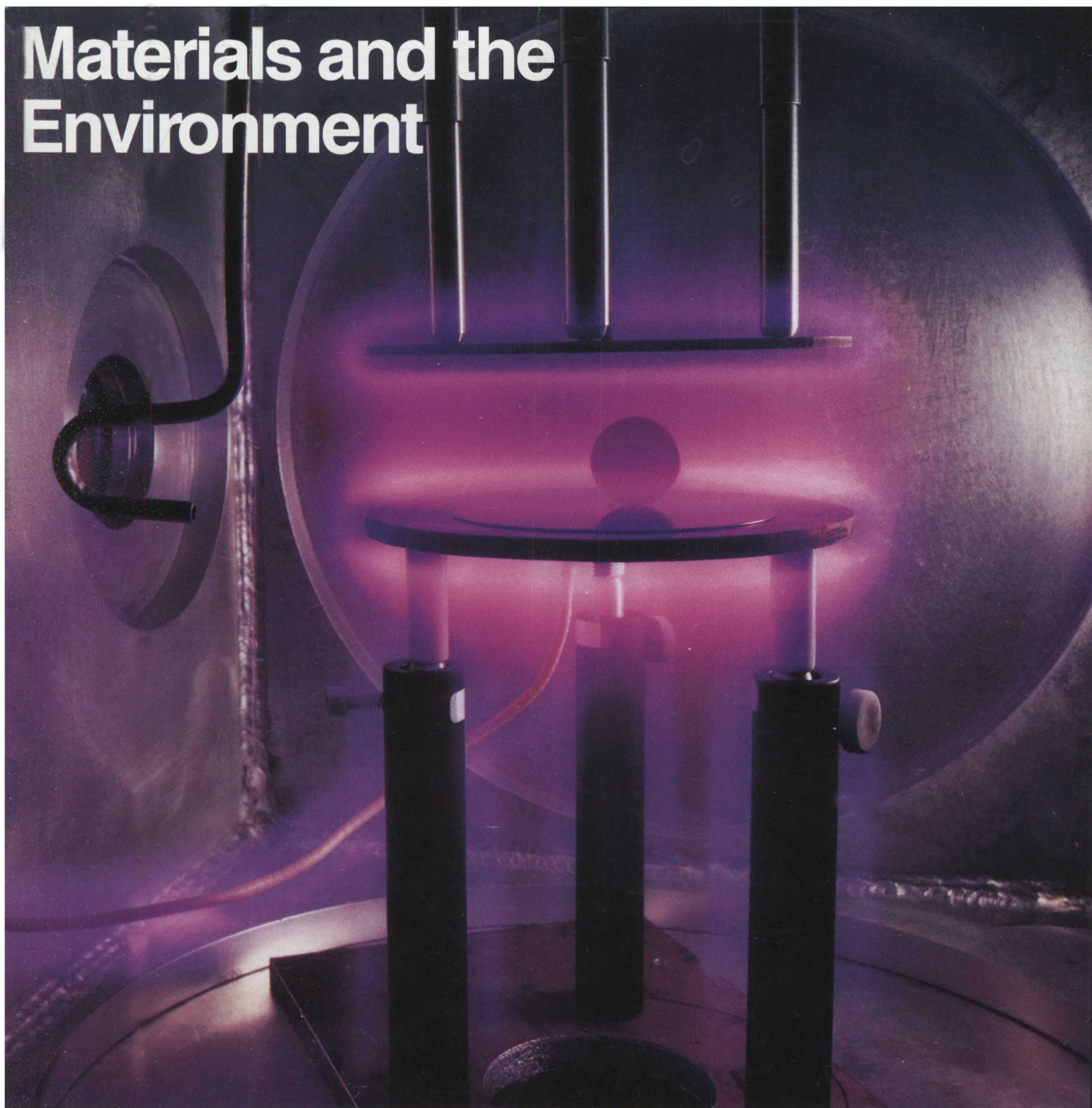
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## **MATERIALS AND THE ENVIRONMENT**

- 26** **Materials and the Environment**  
S.H. Weissman and  
J.C. Sekutowski, Guest Editors
- 30** **An Overview of Industrial Waste Generation and Management Practices**  
D.T. Allen
- 34** **Introduction to Environmentally Conscious Manufacturing**  
R.D. Watkins and B. Granoff
- 39** **Alternatives to CFCs and Global Warming: A Systems Approach to Evaluating Net Contributions**  
S.K. Fischer and M. McFarland
- 43** **Some Materials Concerns in Nuclear Waste Management**  
R.L. Hunter
- 46** **Industrial Ecology: The Materials Scientist in an Environmentally Constrained World**  
B.R. Allenby

## **SPECIAL FEATURE**

- 60** **Up Close: Centro Nacional de Microelectrónica**  
E. Lora-Tamayo and M.D. Alvarez

## **INTERNATIONAL UNION OF MATERIALS RESEARCH SOCIETIES**

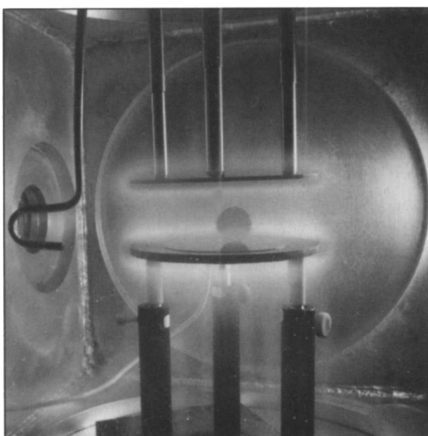
- 52** **Materials Research Society of Japan Hosts Annual Meetings, Ad Hoc Lectures, and Symposia**
- 52** **E-MRS, ICEM '92 Offer Joint Program Under Auspices of IUMRS**
- 53** **ICAM '93 Planned for Tokyo**

## **MRS NEWS**

- 23** **Woody Award Goes to Gordon E. Pike**
- 23** **1992 MRS Spring Meeting Introduces Five New Short Courses and a Tutorial**
- 54** **Nominations Being Accepted for Von Hippel Award, MRS Medal, and David Turnbull Lectureship**
- 56** **Preview: 1992 Spring Meeting**

## **DEPARTMENTS**

- 4** **Letter from the President**
- 5** **Material Matters**
- 10** **Research/Researchers**
- 16** **Resources**
- 18** **From Washington**
- 62** **Historical Note**
- 64** **Calendar**
- 68** **Classified**
- 70** **Advertisers in This Issue**
- 71** **Postterminaries**



**ON THE COVER:** Pictured is a low-temperature, capacitively coupled radio-frequency plasma system used for plasma cleaning, which is being investigated as a substitute for cleaning with chlorofluorocarbon solvents. The chamber can easily be scaled up to accommodate large parts. Two parallel circular copper plates serve as the electrodes. The plasma gas is oxygen/sulfur hexafluoride with a small amount of hydrogen. See "Introduction to Environmentally Conscious Manufacturing" by R.D. Watkins and B. Granoff on p. 34.

## 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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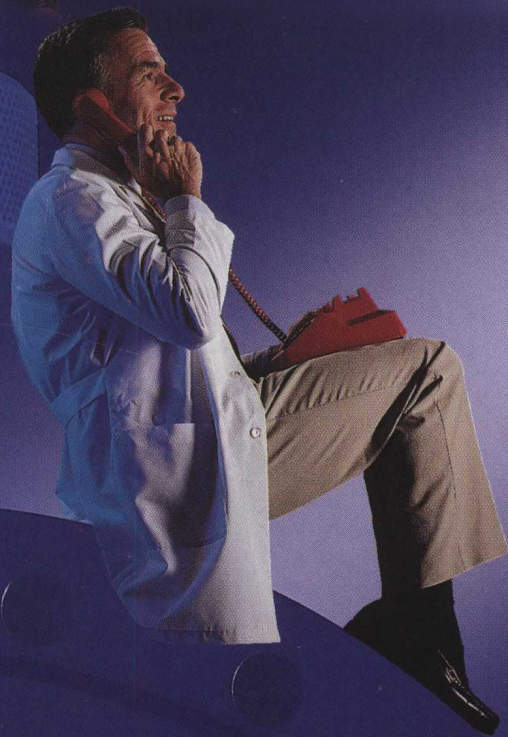
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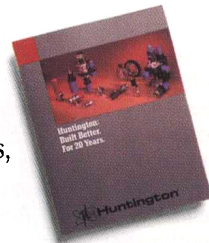
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