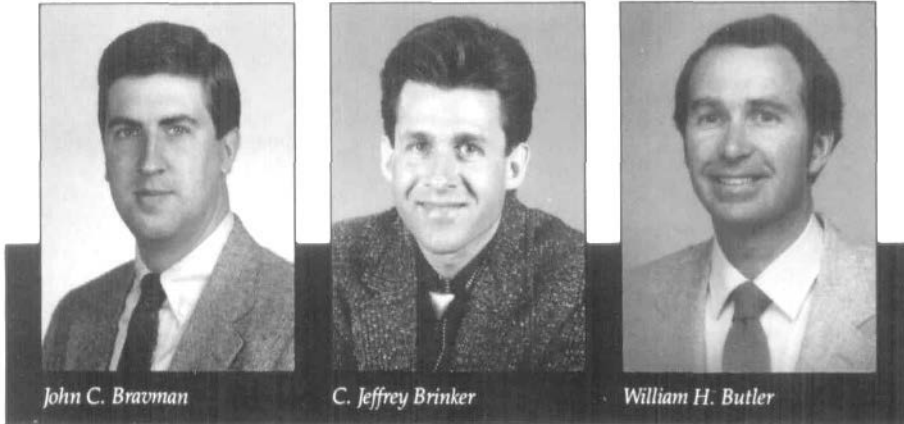


Bravman, Brinker, and Butler to Chair 1990 MRS Spring Meeting

Expanded Program Planned for San Francisco



John C. Bravman

C. Jeffrey Brinker

William H. Butler

John Bravman, Jeffrey Brinker, and William Butler will serve as meeting chairs for the 1990 MRS Spring Meeting, April 16-21, in San Francisco. They have a strong head start in planning an expanded technical program with an impressive depth of topics. Twenty-three symposia are planned.

MRS Spring meetings have a reputation of introducing new symposia to the scientific community, and the 1990 Spring Meeting will continue that tradition with symposia on: Materials for Sensors and Separations, Thin Film Structures and Phase Stability, Laser Ablation for Materials Synthesis, and Materials Issues of the Paper, Pulp and Wood Industries.

The 1990 MRS Spring Meeting chairs welcome your comments and questions:

John C. Bravman, Stanford University, Department of Materials Science & Engineering, Box 2669, Building 550, Stanford, CA 94305; telephone (415) 723-3698, fax (415) 725-4034.

C. Jeffrey Brinker, Sandia National Laboratories, Division 1846, P.O. Box 5800, Albuquerque, NM 87185-5800; telephone (505) 846-3552, fax (505) 846-5064.

William H. Butler, Oak Ridge National Laboratory, Building 4500S, P.O. Box 2008, MS 114, Oak Ridge, TN 37831-6114; telephone (615) 574-4845, fax (615) 574-7721.

John C. Bravman is an assistant professor in the Department of Materials Science and Engineering at Stanford University, Palo Alto, California. His research interests include the processing, structure and mechanical properties of thin film materials and the use of electron beam techniques for materials analysis. He currently directs students involved in semiconductor, superconductor and magnetic materials research.

Before joining the faculty Bravman completed his PhD at Stanford in 1985; from 1979 until 1984 he was on the staff at the Fairchild Semiconductor Research Center. He has been active in the Materials Research Society since 1982, and has co-chaired two MRS symposia: "Specimen Preparation Techniques for Transmission Electron Microscopy of Materials" (1987 Fall Meeting) and "Thin Films: Stresses and Mechanical Properties" (1988 Fall Meeting).

C. Jeffrey Brinker received his BS, MS, and PhD in ceramic science from Rutgers University, New Brunswick, New Jersey, where his thesis research involved alkali metal corrosion of glass. In 1979 Brinker became a member of the technical staff in the Ceramic Development Division of Sandia National Laboratories, Albuquerque, New Mexico.

Brinker is currently a staff member in the Inorganic Materials Chemistry Division at Sandia, where his research concerns various aspects of the sol-gel process. His primary interest is to improve the structures and properties of ceramic materials via chemical methods, and he has co-organized the MRS symposium series on "Better Ceramics Through Chemistry." Brinker is writing a book, *Sol-Gel Science*, with co-author G.W. Scherer of Du Pont. He is the recent recipient of the Zachariasen Award for contributions to the glass science literature.

William H. Butler heads the Theory Group in the Metals and Ceramics Division of Oak Ridge National Laboratory, Oak Ridge, Tennessee. He received a PhD in theoretical solid-state physics from the University of California, San Diego in 1969. After graduation from UCSD he served on the faculty of the Physics Department at Auburn University for three years before coming to Oak Ridge in 1972. During 1984 and 1985 he spent a year as manager of computer planning for ORNL and developed a strategic plan for computing for the laboratory.

Butler's current research interests include superconductivity in metals, alloys, and ceramics, transport properties of metals and alloys, and atomic scale simulations of various materials properties and processes. He is a member of MRS, ASM, AAAS and is a Fellow of the American Physical Society. MRS

1990 MRS Spring Meeting Symposia

(scheduled as of March 10, 1989)

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| A— Better Ceramics Through Chemistry IV | L— Microwave Processing of Materials |
| B— Advance Metallizations in Microelectronics | M— Plasma Processing and Synthesis of Materials |
| C— Polysilicon Films and Interfaces | N— Laser Ablation for Materials Synthesis |
| D— Critical Currents in High Tc Superconductors | O— Amorphous Silicon Science and Technology |
| E— High Resolution Electron Microscopy of Defects in Materials | P— Surface and Near Surface Structure of Polymers and Polymer Interfaces |
| F— Degradation Mechanisms in Compound Semiconductor Devices and Structures | Q— Atomic Scale Calculations in Materials |
| G— Materials Issues in Art and Archaeology II | R— Intermetallic Matrix Composites |
| H— Materials for Sensors and Separations | S— Physical Phenomena in Granular Materials |
| I— Phase Stability and Alloy Design | T— Superplasticity in Ceramics and Metals |
| J— Thin Film Structures and Phase Stability | U— Materials Issues of the Paper, Pulp and Wood Industries |
| K— Thin Films: Stresses and Mechanical Properties II | W— Workshop on Specimen Preparation for TEM II |
| | X— Frontiers in Materials Research |