Record Number of Papers Submitted for 1988 MRS Fall Meeting

Over 2,000 papers have been submitted to the Materials Research Society for presentation at its 1988 Fall Meeting to be held in Boston, November 28 - December 3. This is an increase of 15% over the papers presented at the 1987 Fall Meeting. "We are delighted with the enthusiastic response to the Call for Papers for this meeting," said Slade Cargill, one of the 1988 Fall Meeting chairs. In addition to an increase in oral paper presentations at the meeting, the traditional Tuesday and Thursday evening poster sessions have also been expanded to include a third session Wednesday evening featuring 180 papers.

"The diversity of the topical symposia will offer a thorough examination of mainstream topics as well as introduce some new ones," said Cargill. New topics for the Fall Meeting include Chemical Perspectives of Microelectronic Materials (Symposium E), Liquid Crystal Polymers (Symposium I), New Materials Approaches to Tribology: Theory and Applications (Symposium S), Atomic Scale Calculations in Materials Science (Symposium T), and Nondestructive Monitoring of Materials Properties (Symposium U).

According to Cargill, high temperature superconductivity will continue to draw attention from participants through its large number of topical papers.

Telephone/Fax Registrations Now Accepted

In addition to mail-in registrations, both meeting and short course registrations will be accepted by telephone or fax this year for the convenience of MRS meeting attendees. To register by telephone, simply call MRS at (412) 367-3003 and ask for the Meeting Registration Desk. Fax copies of registration forms should be sent to MRS at (412) 367-4373. Complete registration details and forms are in the Preliminary Program, which is mailed to all MRS members. If you need a Preliminary Program or additional registration forms for the 1988 Fall Meeting, contact:

Materials Research Society
9800 McKnight Road, Suite 327
Pittsburgh, PA 15237
Telephone (412) 367-3003
Fax (412) 367-4373

A record number of attendees is expected at the Boston Meeting, and early registration is recommended for both the meeting and the short courses. Class sizes will be limited for the 22 selected short courses to be presented in conjunction with the meeting. The Fall Meeting short courses are listed elsewhere in this issue, and the symposia are listed below.

Meeting Chairs

G. Slade Cargill
IBM T.J. Watson Research Center
P.O. Box 218
Yorktown Heights, NY 10598
(914) 945-1958

D. Wayne Goodman
Department of Chemistry
Texas A & M University
College Station, TX 77843
(409) 845-0214

J. Francis Young
University of Illinois
202A Ceramics Building
105 S. Goodwin
Urbana, IL 61801
(217) 244-6210

1988 MRS Fall Meeting Symposia

A— Processing and Characterization of Materials Using Ion Beams
B— Laser and Particle-Beam Chemical Processes on Surfaces
C— Thin Films: Stresses and Mechanical Properties
D— Advanced Methods for Characterizing the Surfaces/Interfaces of Materials
E— Chemical Perspectives of Microelectronic Materials
F— Preparation and Materials Properties of High Temperature Superconductors
G— Multicomponent Ultrafine Microstructures
H— High Temperature Ordered Intermetallic Alloys
I— Liquid Crystal Polymers
J— The Materials Science and Engineering of Rigid-Rod Polymers
K— Materials Science of Mineralized Biological Tissues
L— Graphite Intercalation Compounds: Science and Applications
M— Solid State Ionics
N— Fractal Aspects of Materials: Disordered Systems
O— Fly Ash and Coal Conversion By-Products: Characterization, Utilization and Disposal V
P— Pore Structure and Permeability of Cementitious Materials
Q— Characterization of Structure and Chemistry of Defects in Materials
R— High Resolution Microscopy of Materials
S— New Materials Approaches to Tribology: Theory and Applications
T— Atomic Scale Calculations in Materials Science
U— Nondestuctive Monitoring of Materials Properties
V— Synchrotron Radiation in Materials Research
W— Advances in Materials, Processing and Devices in III-V Compound Semiconductors
X— Frontiers of Materials Research
Y— Selected Topics in Electronic Materials

□

For 1988 MRS Fall Meeting and Short Course Attendees

Special Room Rates

Available Until October 28, 1988

At the Boston Marriott/Copley Place And the Westin Hotel/Copley Place

Take advantage of these special room rates by making your reservation with either hotel by October 28, 1988.

Boston Marriott/Copley Place
(800) 228-9290
(617) 236-5800

Westin Hotel/Copley Place
(800) 228-3000
(617) 262-9600

Discount Air Fares

Available November 25 through December 10, 1988

Delta Air Lines is offering:

Additional 5% off Delta's publicized roundtrip fares to Boston from within the U.S. and San Juan.

40% off Delta's unrestricted roundtrip coach fares to Boston (35% off from Canadian cities). Seven-day advance reservations required.

Other restrictions may apply.

Call Delta at (800) 241-6760 and refer to File Number HO 238.

https://doi.org/10.1557/S0883769400064435 Published online by Cambridge University Press

MRS Short Course Program

Telephone: (412) 367-3003 ▪ FAX: (412) 367-4373

1988 MRS Fall Meeting

November 27–December 3, 1988 — Boston Marriott/Copley Place

Short Courses offered in conjunction with the Materials Research Society's 1988 Fall Meeting and Equipment Exhibit will cover the latest developments in materials science and technology. SPECIALTY, REVIEW, and SURVEY courses complement the symposia topics and are designed to meet the ongoing needs of professional scientists, engineers, technical staff, and managers for knowledge about forefront techniques in materials characterization and fabrication. CLASS SIZES ARE LIMITED: Early telephone registrations are encouraged.

Title — **Tuition**

ADVANCED MATERIALS

M-04 Optoelectronic Materials, Processes, and Devices
Instructor: Mool C. Gupta
Friday-Saturday, Dec. 2-3 . . . . $485

M-05 Fabrication, Characterization, and Applications of High-Temperature Superconducting Materials
Instructors: Robert E. Schwall & Terry P. Orlando
Sunday-Monday, Nov. 27-28 . . . . $425

M-06 Growth and Characterization of Diamond and Diamond Films
Instructors: Daniel L. Flamm, Thomas R. Anthony & Jeffrey T. Glass
Thursday, Dec. 1 . . . . $325

M-07 Polymers for Electronic and Photonic Applications
Instructors: C.P. Wong, Donald C. Hofer, Gary N. Taylor & Gerald R. Meredith
Friday-Saturday, Dec. 2-3 . . . . $485

M-08 Nature of Solid Lubricants and their Applications
Instructors: Harold E. Sliney
Monday, Nov. 28 . . . . $325

CHARACTERIZATION OF MATERIALS

C-01 Modern Materials Analysis Techniques
Instructors: James A. Borders, Kenneth H. Eckelmeyer & Suzanne H. Weissman
Monday-Wednesday, Nov. 28-30 . . . . $745

C-02 Electron Microscopy of Thin Films
Instructors: Alton D. Romig, Jr. & David B. Williams
Thursday-Friday, Dec. 1-2 . . . . $485

C-03 Surface and Thin Film Analysis
Instructors: Leonard C. Feldman & James W. Mayer
Friday-Saturday, Dec. 2-3 . . . . $535

C-06 Characterization of Semiconductors using Deep Level Transient Spectroscopy
Instructor: Charles E. Barnes
Tuesday, Nov. 29 . . . . $325

C-09 Fractals: Concepts and Applications in Materials Science and Engineering
Instructors: James E. Martin & Alan J. Hurd
Sunday-Monday, Nov. 27-28 . . . . $485

C-11 Characterization of Powders and Porous Materials
Instructors: Douglas M. Smith & Joan E. Shields
Monday-Tuesday, Nov. 28-29 . . . . $485

C-13 Atom Probe Microanalysis: Principles and Application to Materials Problems
Instructors: George D.W. Smith & Michael K. Miller
Friday, Dec. 2 . . . . $345

C-14 Fundamentals and Applications of Scanning Tunneling Microscopy
Instructor: Robert J. Hamers
Monday, Nov. 28 . . . . $325

Title — **Tuition**

C-16 Scanning Electron Microscopy and X-Ray Microanalysis
Instructors: David C. Joy & Dale E. Newbury
Tuesday, Nov. 29 . . . . $345

PREPARATION AND FABRICATION OF MATERIALS

P-01 Liquid Phase Epitaxy
Instructor: L. Ralph Dawson
Tuesday, Nov. 29 . . . . $295

P-02 Molecular Beam Epitaxy
Instructor: Gary W. Wicks
Wednesday-Thursday, Nov. 30-Dec. 1 . . . . $485

P-03 Vapor Phase Epitaxy
Instructors: Herbert M. Cox & P. Dan Dapkus
Friday-Saturday, Dec. 2-3 . . . . $485

P-05 Plasma Enhanced Chemical Vapor Deposition of Thin Films for Microelectronics
Instructors: Rafael Reif
Friday, Dec. 2 . . . . $325

P-06 Ion Implantation, Diffusion, Defects, and Rapid Thermal Processing
Instructors: Thomas E. Seidel, Steven C. Shatas & Dennis M. Maher
Friday-Saturday, Dec. 2-3 . . . . $485

P-12 Photon-Controlled Processing for Microelectronics
Instructor: Richard M. Osgood, Jr.
Monday, Nov. 28 . . . . $325

P-14 Film Formation, Adhesion, Surface Preparation, and Characterization of Thin Film Structures
Instructor: Donald M. Mattox
Friday-Saturday, Dec. 2-3. . . . . $510

P-15 Ohmic Contacts to Compound Semiconductors
Instructor: Peter A. Barnes
Monday, Nov. 28 . . . . $325

F-01 Film and Coating Deposition Techniques
Instructor: Donald M. Mattox
Wednesday, Nov. 30 . . . . $325

F-02 Plasma Etching for Microelectronic Fabrication
Instructor: G. Kenneth Herb
Tuesday, Nov. 29 . . . . $325

F-03 Ion Beam Processes for Materials Modification
Instructor: James K. Hirvonen
Friday, Dec. 2 . . . . $325

PROCESSING/DIAGNOSTIC TECHNIQUES

T-05 Vacuum and Plasma Technology for Materials Processing
Instructor: Donald M. Mattox
Sunday-Monday, Nov. 27-28 . . . . $485

T-06 Optical and Laser Diagnostics for Semiconductor Processing
Instructor: Steven R. J. Brueck
Friday, Dec. 2 . . . . $325

TO REGISTER: Call MRS at (412) 367-3003 and ask for the Short Course Office. Ask about multiple course discounts, special tuition discounts, and a discount for MRS Fall Meeting registration.

Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237

https://doi.org/10.1557/S0883769400064435 Published online by Cambridge University Press