
MATERIALS CONFERENCES

*The Only Complete Calendar Of Every Major Symposium,
Meeting, And Technical Conference For Materials Professionals*

Exclusively in the MRS BULLETIN, notices of all major technical meetings of interest to the materials community have been brought together into a single, comprehensive calendar by the Materials Research Society. Prepared by Julia Phillips of AT&T Bell Laboratories, the calendar is continuously updated and appears in every issue of the BULLETIN.

Meetings sponsored by or affiliated with the Materials Research Society appear in boldface type.

JUNE 1984

- 3-6 Inter-Disciplinary Workshop on Structure and Properties of the Amorphous State
Williamsburg, VA
J. Voge, Div. of Polymer Chem., Polytechnic Inst. of New York,
333 Jay St., Brooklyn, NY 11201
- 3-7 9th International Congress on Metallic Corrosion
Toronto, ONT
L. Baignee, Nat. Res. Council, Ottawa, ONT
Canada K1A 0R6 (613) 993-9009
- 4-5 Short Course on Techniques for Surface Analysis
Dayton, OH
J. T. Grant, Research Inst., Univ. of Dayton, Dayton, OH 45469
- 4-7 International Symposium on Polymer Alloys:
Structure and Properties
Brugge, Belgium
R. Fayt, Lab. de Chimie Macromoleculaire et de
Catalyse Organique
Univ. de Liege, Sart Tilman, 4000 Liege, Belgium
- 5-8 MRS-EUROPE TECHNICAL CONFERENCE
Strasbourg, France
Secretariat, Centre de Recherches Nucleaires,
Laboratoire Phase, F-67037 Strasbourg Cedex, France**
- 6-8 6th Symposium on Applied Surface Analysis
Dayton, OH
- 10-13 58th Colloid & Surface Science Symposium
Pittsburgh, PA
G. D. Parfitt, Chem. Eng. Dept., Carnegie-Mellon Univ.,
Pittsburgh, PA 15213
(412) 578-3848
- 11-13 Symposium on Specialty Materials and Refractory
Metal Alloy Melting and Processing
Pittsburgh, PA
G.K. Bhat, Bhat Tech International
172 Boxfield Rd., Pittsburgh, PA 15241 (412) 835-9212
- 18-20 1984 Physical Electronics Conference
Princeton, NJ

J. E. Rowe, Physics Dept., 215 Williamson Hall, Univ. of
Florida,
Gainesville, FL

JULY 1984

- 2-4 2nd International Symposium on Applications of Laser
Anemometry to Fluid Mechanics
Lisbon, Portugal
D. F. G. Durao, Dept. of Mech. Eng., Inst. Superior Tecnico,
Ave. Rovisco Pais, 1096 Lisbon, Portugal
- 3-6 International Conference on Crystal Growth and Characterization
of Polytype Structures
Marseilles, France
A. Baronnet, CRMCC, Cnrs, Campus Luminy, Case 913,
13288 Marseilles, Cedex 9, France
- 16-20 International Conference on Ion Beam Modification of Materials
Ithaca, NY
J. W. Mayer, IBM '84, Bard Hall, Cornell Univ., Ithaca, NY
14853**
- 16-20 3rd International EXAFS Conference
Stanford, CA
- 31-3 International Conference on Heavy Doping
and the Metal-insulator Transition in Semiconductors
UC Santa Cruz, CA

AUGUST 1984

- 1-3 The Physics of VLSI
Palo Alto, CA
K. Saraswat, McCullough 118, Stanford Univ., Stanford, CA
94305
(415) 497-2956
- 1-3 3rd International Conference on MBE
San Francisco, CA
- 1-4 Topical Conference on Optical Effects in Amorphous
Semiconductors
Salt Lake City, UT
W. W. Havens, Jr., 335 E 45 St., New York, NY 10017
(212) 661-9404
- 2-3 Spectroscopy of Shallow Centers in Semiconductors
UC Berkeley, CA
- 4-14 27th International Geological Congress
Moscow, USSR
Sec., 27th Int. Geological Cong., Inst. of Lithosphere,
Academy of Sciences, 22 Staromonety, Moscow 109180, USSR
- 6-10 International Conference on the Physics of Semiconductors
San Francisco, CA
R. Z. Bachrach, Xerox Palo Alto Res. Ctr., 3333 Coyote Hill
Road,
Palo Alto, CA 94304
- 12-17 Meeting of the Electron Microscopy Society of America
Detroit, MI
C. E. Lyman, Central Research & Development Dept.,

- E. I. DuPont, Experimental Sta., Wilmington, DE 19898
(302) 772-4887
- 13-16 1st International Conference on the Structure of Surfaces
Berkeley, CA
M. A. VanHove, Dept. of Chem., Univ. of CA, Berkeley, CA
94720
- 13-16 International Conference on Superlattices, Microstructures and
Microdevices
Champaign-Urbana, IL
J. D. Dow, Dept. of Phys., Univ. of Notre Dame, Notre Dame,
IN 46556
(219) 239-6407
- 13-17 13th International Conference on Defects in Semiconductors
Coronado, CA
- 13-17 6th International Conference on Thin Films
Stockholm, Sweden
S. Berg, ICTF-6, Inst. of Tech., Uppsala Univ., Box 534,
751 21 Uppsala, Sweden
- 13-17 International Conference on Luminescence
Madison, WI
W. H. Yen, Dept. of Physics, 1150 Univ. Av., Madison, WI
53706
- 13-18 8th European Conference on Electron Microscopy
Budapest, Hungary
Congress Bureau, MOTESZ, Budapest, POB32, H-1361,
Budapest, Hungary
- 15-17 International Conference on Progress in Optical Physics
ICO-Australian Acad. of Science
Melbourne, Australia
I. J. Wilson, CSIRO Div. of Chem. Phys., PO Box 160,
Clayton, Vic., Australia 3168
- 15-22 17th International Conference on Low Temperature Physics
Karlsruhe, FRG
H. Hirsch, LT-17 Conf. Sec., Kernforschungszentrum,
Postfach 3640, 7500 Karlsruhe, FRG
- 19-22 AIChE Summer National Meeting
Philadelphia, PA
AIChE, Meetings Dept., 345 E. 47 St., New York, NY 10017
(212) 705-7320
- 20-24 International Conference on Defects in Insulating Crystals
Salt Lake City, UT
F. Luty, Dept. of Phys., Univ. of Utah, Salt Lake City, UT
84112
(801) 581-7446
- 26-29 International Topical Meeting on Fuel Reprocessing and Waste
Management
Jackson Hole, WY
W. McClure, PO Box 3807, Idaho Falls, ID 83401
- 26-31 188th National Meeting of the American Chemical Society
Philadelphia, PA
American Chem. Soc., 1155 16th St., NW, Washington, DC
20036
- 27-31 3rd International Conference on Solid Films and Surfaces
Sydney, Australia
D. J. Miller, Sch. of Phys., Univ. of New South Wales,
POB 1, Kensington, NSW 2033 Australia
- 27-31 6th General Conference of the European Physical Society
Prague, Czechoslovakia
Phys. Sec., Union of Czech. Mathematicians & Physicists,
Na Slovance 2, 182 00, Prague 8, Czech.
- 29-31 **3rd International Symposium on Physical Metallurgy
of Cast Iron**
- Stockholm, Sweden**
Secretariat, Symposium on Cast Iron CI 3,
Materials Research Center,
Royal Institute of Technology
S-100 44 Stockholm, Sweden
- 29-31 Conference on the Mechanical Characterization
of Load Bearing Fiber Composite Laminates
Brussels, Belgium
Prof. A. Cardon, Faculty of Applied Science
Telephone: 32-2-641-2923
- SEPTEMBER 1984
- 3-7 5th International Conference on Rapidly Quenched Metals
Wuzburg, FRG
RQ 5, Postfach 2253, D-6450 Hanau, FRG
- 10-13 8th International Symposium on Chemical Reaction
Engineering
Edinburgh, Scotland
Dept. ISCRE, Conference Section, The Institution of Chemical
Engineers, 165-171 Railway Terrace, Rugby, Warwickshire
CV21 3HQ, England
- 13-14 Kinetics and Mass Transport of Silicate & Oxide Systems
London, UK
R. Freer, Dept. Electrical & Electronic Eng.,
North Staffordshire Polytech., Beaconside, Stafford ST18 0AD
- 17-21 9th European Conference on Thermophysical Properties
Manchester, UK
Mtg. Officer, IOP, 47 Belgrave Sq., London SW1X 8QX, UK
- 17-21 7th International Conference on Textures of Materials
The Netherlands
Conf. Sec., PO Box 390, NL 3330 AJ Zwijndrecht,
The Netherlands
- 23-28 International Conference on the Science of Hard Materials
Rhodes, Greece
- 25-28 Energy Pulse Modification of Semiconductors & Related
Materials
Dresden, GDR
H. U. Jager, Centralinstitut für Derrforschung, Rossendorf,
8051 Dresden, Postfach 19, GDR
- OCTOBER 1984
- 9-11 Conference on Advances in Materials Technology for the Process
Industries
Atlanta, GA
Dale Miller, Deputy Executive Dir. for Public Affairs,
Natl. Assoc. of Corrosion Engineers, PO Box 218340,
Houston, TX 77218
- 9-12 37th Gaseous Electronics Conference
Boulder, CO
W. W. Havens, Jr., 335 E. 45 St., New York, NY 10017
(212) 661-9404
- 21-26 5th International Meeting on Radiation Processing
San Diego, CA
J. Silverman, PO Box 3060, Woburn, MA 01888
- 29-2 Optical Society of America Annual Meeting
San Diego, Ca
Optical Society of America, 1816 Jefferson Pl., NW,
Washington, DC 20036
- 31-2 4th International Conference on Ferrites
San Francisco, CA

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DATA STORAGE

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comfortable room) with E. Rothchild presenting an overview of the future of optical data storage. He predicted a surge in small disk applications, and a multi-billion-dollar market by the end of this decade. Both D. Davies and J. Cornet reminded us that the materials problems for the first-generation media have been brought under control, in excellent reviews of commercial products. N. Imamura outlined magneto-optical recording in a session which made apparent that very significant research and development efforts are under way in Japan.

Vertical Recording

The session, "Magnetic Recording II" was dedicated to vertical recording. J. Judy gave an overview of this emerging field buttressed with a wealth of data—a delight for the materials scientist. That vertical recording is maturing was demonstrated by the in-depth studies of successive speakers.

Chairmen

Geoffrey Bate, Verbatim Corporation
Martin A. Bosch, AT&T Bell Laboratories
Nobutake Imamura, KDD R&D Laboratories

DISPLAY/PRINTING

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displays, one on the gas-electron-phosphor display and the second on new developments in flat panel, color, guided electron-beam displays. An excellent survey of color phosphors for cathode ray tubes was also presented.

PLZT Displays

Three papers described new developments in PLZT displays, new techniques for increasing the photosensitivity of PLZT for imaging devices and a new approach to production of atmosphere-sintered, transparent PLZT for displays and other optical applications. An excellent survey of the state of the art in electrophoretic materials, new developments in electrochromic displays and materials aspects of current thin film electroluminescent displays were presented by leading researchers in these fields.

Printing Technologies

Three sessions of the symposium were devoted to papers on printing technologies. Papers were presented on the major non-impact printing technologies, including a detailed discussion of high-speed laser printers, descriptions of advances in photoconductor and toner development, and surveys of alternative magnetic and ion jet high-speed printing technologies.

Chairmen

D.B. Dove, International Business Machines Corporation
C.E. Land, Sandia National Laboratories

CONFERENCES

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NOVEMBER 1984

- 12-14 8th Conference on the Application of Accelerators in Research and Industry
Denton, TX
J. L. Duggan
Physics Dept., North Texas State Univ., NT Box 5368,
Denton, TX 76203
(817) 565-3252
- 25-30 AIChE Annual Meeting
San Francisco, CA
AIChE, Meetings Dept., 345 E. 47 St., New York, NY 10017
(212) 705-7320
- 26-30 **MATERIALS RESEARCH SOCIETY ANNUAL MEETING**
Boston Marriott Hotel/Copley Place
Boston, MA
J.B. Ballance, Executive Director
Materials Research Society
9800 McKnight Road, Suite 327
Pittsburgh, PA 15237 (412) 367-3003
- 27-30 30th Annual Conference on Magnetism and Magnetic Materials
San Diego, CA
J.T. Scott, AIP, 335 E. 45th St., New York, NY 10017

DECEMBER 1984

- 4-7 31st National Vacuum Symposium
Reno, NV
N. Hammond, 335 E. 45 St., New York, NY 10017

JANUARY 1985

- 20-24 American Physical Society/AAPT General Meeting
Toronto, ONT

MARCH 1985

- 24-28 AIChE Spring National Meeting
Houston, TX
AIChE, Meetings Dept., 345 E. 47th St., New York, NY 10017
(212) 705-7320

- 25-29 American Physical Society General Meeting
Baltimore, MD
W. Havens, Jr., 335 E. 45 St., New York, NY 10017

APRIL 1985

- 15-18 **MATERIALS RESEARCH SOCIETY SPRING CONFERENCE**
San Francisco, CA
J.B. Ballance, Executive Director
Materials Research Society
9800 McKnight Road, Suite 327
Pittsburgh, PA 15237 (412) 367-3003

- 25-27 American Physical Society Spring Meeting
Washington, DC
W. Havens, Jr., 335 E. 45th St., New York, NY 10017