

To list an event in the Calendar, contact J. Dininny, Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237; (412) 367-3036; fax (412) 367-4373.

**MRS** indicates the meeting is sponsored by or affiliated with the Materials Research Society.

See MRS BULLETIN Vol. XIII No. 10 for Calendar events from November 1 through November 30, 1988.

## DECEMBER 1988

11-14  
IEEE International Electron Devices Meeting  
San Francisco, CA  
M. Widekehr, c/o Courtesy Assoc. Inc., 655 15th Street NW, Suite 3000, Washington, DC 20005

14-16  
Seventh International Symposium on Ceramics  
Bologna, Italy  
J. Routbort, U.S. Dept. of Energy, Basic Energy Sciences, Div. of Materials Science, ER 131, M.S. G236, Washington, DC 20545

15-16  
Second International Conference on Amorphous and Crystalline Silicon Carbide and Related Materials  
Santa Clara, CA  
M.M. Rahman, ICACSC '88, Department of EECS, Santa Clara University, Santa Clara, CA 95053; (408) 554-4175; fax (408) 554-5474

20-22  
Annual Solid State Physics Conference  
Nottingham, United Kingdom  
Institute of Physics, 47 Belgrave Square, London SW1X 8QX, United Kingdom; 01 235 6111

## JANUARY 1989

4-6  
Short Course on X-Ray Diffractometry & Topography of Semiconducting Materials & Epitaxial Thin Films  
San Diego, CA  
North Eastern Analytical Corp., 17 Sherman Rd., P.O. Box 25, Millis, MA 02054; (508) 376-4132

11-13  
SC Global '89  
San Francisco, CA  
Superconductor Applications Association, 24781 Camino Villa Ave., El Toro, CA 92630; (800) 854-8263

15-20  
O-E/LASE '89: Optoelectronics and Laser Applications in Science and Engineering  
Los Angeles, CA  
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290

23-24  
Second Annual Cambridge Conference on Commercial Applications of Superconductivity  
Boston, MA  
World Tech Press, One Kendall Square, Suite 2200, Cambridge, MA 02139; (617) 661-0510

30-4  
Winter European Course on Amorphous Silicon  
Folgaria, Italy  
Secretariat, Winter European Courses, TASK R&S S.r.l., Via Verbano 2, 21027 Ispra (VA), Italy; (0332) 78 17 68/71/77; fax (0332) 78 08 02

31-3  
International Conference on Sintering of Multiphase Metal and Ceramic Systems  
New Delhi, India  
G.S. Upadhyaya, Convener ICSMC '89, Dept. of Metallurgical Engineering, Indian Institute of Technology, Kanpur-208 016, India; 240066, ext. 933

## FEBRUARY 1989

6-8  
Conference on Integrated and Guided-Wave Optics (IGWO) Topical Meeting  
Houston, TX  
Optical Society of America, 1816 Jefferson Pl. NW, Washington, DC 20036; (202) 223-0920

6-9  
Conference on Optical Fiber Communication (OFC '89)  
Houston, TX  
Optical Society of America, 1816 Jefferson Pl. NW, Washington, DC 20036; (202) 223-0920

7-9  
PCSI-16: Physics and Chemistry of Semiconductor Interfaces  
Bozeman, MT  
G.J. Lapeyre, Physics Dept., Montana State University, Bozeman, MT 59717; (406) 994-6153

13-17  
Fifth International Wire Chamber Conference  
Vienna, Austria  
M. Regler, Institut für Hochenergiephysik der OeAW Nikosdorfergasse 18, A-1050, Vienna, Austria

21-24  
Fourth International Symposium on Recent Advances in Drug Delivery  
Salt Lake City, UT  
Kristine Knutson, University of Utah, Dept. of Pharmaceutics/CCCD, 421 Wakara Way, Suite 318, Salt Lake City, UT 84108; (801) 581-6654

27-1  
Microphysics of Surfaces, Beams and Adsorbates Topical Meeting  
Salt Lake City, UT  
Optical Society of America, 1816 Jefferson Pl. NW, Washington, DC 20036; (202) 223-0920

27-1  
Third Topical Meeting on Microphysics of Surfaces, Beams and Adsorbates  
Salt Lake City, UT  
R.B. Hall, Exxon Research & Engineering, Rt. 22E, Annandale, NJ 08801; (201) 730-2733

27-2  
TMS Annual Meeting  
Las Vegas, NV  
The Metallurgical Society, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050

27-3  
Gordon Conference on Superconductivity  
West Coast, USA  
A. Sleight, Experimental Station 356/301, E.I. du Pont de Nemours & Co., Wilmington, DE 19898; (302) 695-3536

## MARCH 1989

6-8  
Fourth International Seminar on Lithium Battery Technology and Applications  
Deerfield Beach, FL  
S.P. Wolsky, Ansum Enterprises, 950 De Soto Rd., Suite 3B, Boca Raton, FL 33432; (407) 391-3544

6-9  
**MRS Industry-University Advanced Materials Conference**  
Denver, Co  
F. Smith, Advanced Materials Institute, Colorado School of Mines, Golden, CO 80401; (303) 491-8657  
(See related article in Vol. XIII No. 5.)

6-9  
Ninth General Conference, Condensed Matter Division, EPS  
Nice, France  
J.P. LaHeuorte, Lab. de la Metiere Condensee, Univ. de Nice, F-06034 Nice, Cedex, France

8-9  
Molecular Chemistry for Solid-State Electronics  
London, United Kingdom  
The Royal Society, 6 Carlton House Terrace, London SW1Y 5AG, United Kingdom

12-25  
NATO Advanced Study Institute: Diffusion in Materials  
Aussois, France  
A.L. Laskar, Dept. of Physics and Astronomy, Clemson Univ., Clemson, SC 29631; (803) 656-5310; fax (803) 656-4040

20-22  
European Workshop on Refractory Metals and Silicides  
Houthalen, Belgium  
R. De Keersmaecker, IMBE, Kapeldreef 75, B-3030 Leuven, Belgium; (32) 16 281 211  
(See related article in Vol. XIII No. 7.)

20-24  
American Physical Society Meeting  
St. Louis, MO  
W.W. Havens, American Physical Society, 335 E. 45th St., New York, NY 10017; (212) 682-7341

27-31  
Symposium on Infrared Applied Science and Engineering  
Orlando, FL  
Society of Photo-Optical Instrumentation Engineers, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290

29-31  
Neutron and X-Ray Scattering Complementary Techniques  
Canterbury, United Kingdom  
R.J. Newport, Physics Lab., University of Kent, Canterbury CT2 7NR, United Kingdom

30-31  
Colorado Microelectronics Conference  
Colorado Springs, CO  
CMC '89 Conference Secretary, Microelectronics Research Laboratories, Univ. of Colorado, Colorado Springs, CO 80933-7150; (719) 593-3488

30-10  
NATO Advanced Study Institute: International Advanced Course on Frontiers of Laser Spectroscopy of Gases  
Vimelro, Portugal  
J.M. Hollas, Dept. of Chemistry, University of Reading, Reading RG6 2AD, United Kingdom

## APRIL 1989

- 1-6  
World Congress on Superconductivity  
Houston, TX  
R.D. Kane, P.O. Box 27805,  
Houston, TX 77227-7805;  
(713) 895-2500
- 3-6  
**MRS** Fifth Conference on Low Energy Ion Beams  
Guildford, United Kingdom  
Meetings Office, The Institute of Physics, 47 Belgrave Sq., London SW1X 8QX, United Kingdom;  
01-235-6111
- 4-7  
British Crystallographic Association Spring Meeting  
Oxford, United Kingdom  
M. Glazer, Dept. of Physics, Clarendon Laboratory, Parks Road, Oxford, OX1 3PU, United Kingdom; 0865-272290
- 4-7  
Electrochemical Processing of Semiconductors  
Berlin, W. Germany  
W. Pieth, Free University of Berlin, Institute of Physical Chemistry, Takustrasse 3, D-1000 Berlin 33
- 6-7  
NATO Workshop on Modeling in Crystal Growth from the Melt  
Parma, Italy  
G. Müller, Institut für Werkstoffwissenschaften 6, Martensstrasse 7, D-8520 Erlangen, W. Germany  
(See related article in Vol. XIII No. 7.)
- 9-14  
American Chemical Society Meeting  
Dallas, TX  
American Chemical Society, 1155 16th St. NW, Washington, DC 20036; (202) 872-4600
- 10-13  
**MRS** Sixth Oxford Conference on Microscopy of Semiconducting Materials  
Oxford, United Kingdom  
Administrator, Royal Microscopical Society, 37/38 St. Clements, Oxford OX4 1AJ, United Kingdom;  
44(0)-865-248768  
(See related article in Vol. XIII No. 9.)
- 17-21  
International Conference on Metallurgical Coatings  
San Diego, CA  
B.D. Sartwell, Naval Research Lab, Code 4675, Washington, DC 20375; (202) 767-4800;  
fax (202) 767-5301

- 23-28  
12th World Conference on Nondestructive Testing  
Amsterdam, Netherlands  
12th WCNDT '89, B. de Jong, RAI Organisatie Bureau Amsterdam bv, Europaplein 12, 1078 GZ Amsterdam, Netherlands;  
(31) 20-549-12-12;  
fax (31) 20-46-44-69
- 24-28  
**MRS** Materials Research Society Spring Meeting  
Town and Country Hotel, San Diego, CA  
M. Geil, Materials Research Society, 9800 McKnight Rd., Suite 327, Pittsburgh, PA 15237;  
(412) 367-3003; fax (412) 367-4373
- 24-28  
Conference on Lasers and Electro-Optics (CLEO '89)  
Baltimore, MD  
Optical Society of America, 1816 Jefferson Pl. NW, Washington, DC 20036; (202) 223-0920

- 24-28  
Second International Congress on Optical Science and Engineering  
Paris, France  
SPIE, P.O. Box 10, Bellingham, WA; (206) 676-3290

- 24-28  
Quantum Electronics and Laser Science Conference (QELS '89)  
Baltimore, MD  
Optical Society of America, 1816 Jefferson Pl. NW, Washington, DC 20036; (202) 223-0920

## MAY 1989

- 1-4  
American Physical Society Spring Meeting  
Baltimore, MD  
American Physical Society, 335 East 45th Street, New York, NY 10017; (212) 682-7341
- 7-12  
Third International Conference on Fundamentals of Adsorption  
Nurriken, W. Germany  
DECHEMA, Abt. Tagungen, P.O. Box 970146, Theodor-Heuss-Allee 25, D-6000 Frankfurt am Main 97, W. Germany
- 8-11  
34th SAMPE International Symposium and Exhibition  
Reno, NV  
SAMPE, 843 West Glentana, P.O. Box 2459, Covina, CA 91722;  
(818) 331-0616
- 9-11  
International Conference on Coatings and Sensors for Acoustic and Electromagnetic-Optical Applications  
University Park, PA  
V.K. Varadan, Pennsylvania State University, Dept. of Engineering Science and Mechanics, University Park, PA 16802;  
(814) 865-2410

- 22-25  
Fifth International Symposium on Graphite Intercalation Compounds  
Berlin, W. Germany  
F.W. Froben, Fachbereich Physik, Freie Universität Berlin, Arnimalle 14, D-1000 Berlin 33, W. Germany;  
(030) 838 42 35/55 66

- 22-26  
Acoustical Society of America 117th Meeting  
Syracuse, NY  
Acoustical Society of America, 335 East 45th St., New York, NY 10017; (212) 661-9404

- 30-2  
**E-MRS** 1989 E-MRS Spring Meeting  
Strasbourg, France  
P. Siffert, Centre de Recherches Nucléaire, Laboratoire PHASE, F-67037, Strasbourg Cedex, France; 88 28 65 43

- 30-2  
**E-MRS** Course on High Tech Biomaterials  
Strasbourg, France  
D. Muster, L.E.E.D. Biomateriaux, CHRU-BP 426, F-67091 Strasbourg Cedex, France  
(See related article in this issue.)

- 31-2  
11th Symposium on Applied Surface Analysis  
Cleveland, OH  
J. Grant, Research Institute, 300 College Park, Dayton, OH 45469-0001; (513) 255-5125 or G. Chottiner, Dept. of Physics, Case Western Reserve, Cleveland, OH 44106; (216) 368-4024

## JUNE 1989

- 15-29  
Advances in Nonradiative Processes-NATO Advanced Study Institute  
Erice, Italy  
B. DiBartolo, Dept. of Physics, Boston College, Chestnut Hill, MA 02167; (617) 552-3575
- 20-22  
SAMPE-Third International Electronics Conference  
Los Angeles, CA  
M. Smith, Business Director, SAMPE, P.O. Box 2459, Covina, CA 91722; (818) 331-0616
- 21-23  
Electronic Materials Conference  
Cambridge, MA  
The Metallurgical Society, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050

- 26-28  
Coherence and Quantum Optics Conference  
Rochester, NY  
L. Mandel, University of Rochester, Dept. of Physics, Rochester, NY 14627;  
(716) 275-4361

## JULY 1989

- 10-14  
International Conference on Ion Sources  
Berkeley, CA  
W. O'Connor, Lawrence Berkeley Lab., 50B-2270, Berkeley, CA 94720;  
(415) 486-6386; fax (415) 486-7000

- 10-14  
Fourth International Conference on Electron Spectroscopy  
Honolulu, HI  
G.E. McGuire, Microelectronics Center of North Carolina, P.O. Box 12889, Research Triangle Park, NC 27709;  
(919) 248-1800; or C.R. Brundle, IBM Almaden Research Center, 650 Harry Rd., San Jose, CA 95120; (408) 927-2444

- 12-14  
Solid State Lasers Topical Meeting/Sino-Japanese Joint Meeting on Optical Fiber Science and Electromagnetic Theory '89  
Beijing, China  
Optical Society of America, 1816 Jefferson Pl. NW, Washington, DC 20036; (202) 223-0920

- 17-21  
Ninth International Conference on Vacuum Ultraviolet Radiation Physics  
Honolulu, HI  
C.S. Fadley, Dept. of Chemistry, Univ. of Hawaii, 2545 The Mall, Honolulu, HI 96822;  
(808) 948-6401

- 18-21  
Seventh International Conference on Integrated Optics and Optical Fiber Communication  
Kobe, Japan  
Secretariat, IOOC '89, c/o Business Center for Academic Societies Japan, Conference Dept., Yamazaki Bldg. 4F, 2-40-14, Hongo, Bunkyo-ku, Tokyo 113, Japan

- 23-28  
American Crystallographic Association Annual Meeting  
Seattle, WA  
American Crystallographic Association, 335 E. 45th St., New York, NY 10017; (212) 661-9404

- 24-26  
Second Micro-Optics Conference/Eighth Topical Meeting on Gradient-Index Optical Imaging Systems  
Tokyo, Japan  
K. Iga, Tokyo Institute of Technology, Research Laboratory of Precision Machinery and Electronics, 4259 Nagatsuta, Midori-ku, Yokohama 227, Japan

24-28  
Cryogenic Engineering Conference and International Cryogenic Materials Conference  
Los Angeles, CA  
D. Hustvedt, CEC/ICMC Secretariat, Dept. of Chemical Engineering BH 5405, University of California, Los Angeles, CA 90024-1592

31-4  
36th International Field Emission Symposium  
Oxford, United Kingdom  
Administrator, Royal Microscopical Society, 37/38 St. Clements, Oxford, OX4 1AJ, U.K.; 865-248768  
(See related article in this issue.)

## AUGUST 1989

13-26  
NATO Advanced Study Institute: High  $T_c$  Superconductors—Physics and Materials Science  
Bad Windsheim, W. Germany  
R. Kossowsky, Applied Research Lab., Pennsylvania State Univ., P.O. Box 30, State College, PA 16804; (814) 863-4481

28-1  
12th International Congress on X-Ray Optics and Microanalysis  
Kracow, Poland  
S. Jasienska, Academy of Mining and Metallurgy, Institute of Metallurgy, 30 059, Kracow, Poland

29-2  
International Symposium on Innovation and Perspectives in Solid Phase Synthesis  
Oxford, England  
R. Epton, School of Applied Sciences, Wolverhampton Polytechnic, Wolverhampton WV1 1SB, England

## SEPTEMBER 1989

4-6  
Fourth MRM Conference  
Rimini, Italy  
L. Pareti, Istituto Maspec CNR, Via Chiavari 18/A, 43100 Parma, Italy; 521-95811; fax 521-96315

4-8  
Macromolecules '89: Second Euro-American Conference on Functional Polymers and Biopolymers  
Oxford, England  
R. Epton, School of Applied Sciences, Wolverhampton Polytechnic, Wolverhampton WV1 1SB, England

5-7  
International Conference on Applications of Supercomputers in Engineering  
Southampton, United Kingdom  
L. Newman, Computational Mechanics Institute, 52 Henstead Rd., Southampton, S01 2DD, England; 44-703-221398; fax 44-703-331020

5-7  
International Conference on Interfacial Phenomena in Composite Materials  
Sheffield, United Kingdom  
J. Herriot, Conference Organizer, Butterworth Scientific Ltd., P.O. Box 63, Westbury House, Bury St., Guildford, Surrey GU2 5BH, United Kingdom; 0483-300966

6-9  
European Magnetic Materials and Applications '89 Conference  
Rimini, Italy  
L. Pareti, Local Chairman EMMA '89, Istituto Maspec CNR, Via Chiavari 18/A, 43100 Parma, Italy; 521-95811; fax 521-96315

6-15  
International School of Plasma Physics—Tritium and Advanced Fuels in Fusion Reactors  
Varenna, Italy  
E. Sindoni, International School of Plasma Physics, 16 Via Celoria, 20133 Milano, Italy; 239 22 67; 266 50 05; fax 223-66583

11-15  
European Conference on Optical Communication  
Gothenburg, Sweden  
ECOC '89 Secretariat, Chalmers University of Technology, Dept. of Electrical Measurements, Research Laboratory of Electro-Optics and Laser, S-41296 Gothenburg, Sweden

17-22  
Conference on Productivity and Technology in the Metallurgical Industries  
Cologne, W. Germany  
B. Kamperman, The Metallurgical Society, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050

17-22  
TMS Fall Meeting: Extractive and Process Metallurgy  
Cologne, W. Germany  
The Metallurgical Society, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050

20-22  
Second International Conference on Structural Adhesives in Engineering II  
Bristol, United Kingdom  
J. Herriot, Conference Organizer, Butterworth Scientific Ltd., P.O. Box 63, Westbury House, Bury St., Guildford, Surrey GU2 5BH, United Kingdom; 0483-300966

25-29  
11th International Vacuum Congress (IVC-11) and 7th International Conference on Solid Surfaces (CSS-7)  
Cologne, W. Germany  
D.A. Benninghoven, Physikalisches Institut Der Universtat Munster Wilhelm-Klemm Strasse 10, D-4000 Munster, W. Germany

## OCTOBER 1989

1-5  
TMS Fall Meeting: Physical Metallurgy and Materials  
Indianapolis, IN  
The Metallurgical Society, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050

2-4  
Second European Conference on Electron and Optical Beam Testing of Integrated Circuits  
Duisburg, W. Germany  
E. Kubalek and L.J. Balk, Werkstoffe der Elektrotechnik, Universitat Duisburg, Kommandantenstr. 60 D-4100 Duisburg 1, W. Germany; 49-203 3 79 34 06

2-6  
European Space Power Conference  
Madrid, Spain  
J-C. Larue, European Space Research and Technology Centre, XPG, Postbus 299, 2200 AG Noordwijk ZH, Netherlands; 31 (0) 1719 83973; fax 1719 17400

15-20  
OSA Annual Meeting  
Orlando, FL  
Optical Society of America, 1816 Jefferson Pl. NW, Washington, DC 20036; (202) 223-0920

21-24  
Soil Dynamics & Earthquake Engineering IV Conference  
Mexico City, Mexico  
L. Newman, Computational Mechanics Institute, 52 Henstead Rd., Southampton, S01 2DD, England; 44-703-221398; fax 44-703-331020

22-28  
Second International Conference on Solid State & Integrated Circuit Technology  
Beijing, China  
Continuing Education in Engineering, University Extension, University of California, 2223 Fulton St., Berkeley, CA 94720; (415) 642-4151; fax (415) 643-8683  
(See related article in this issue.)

23-27  
36th National Vacuum Symposium of the AVW  
Boston, MA  
M. Churchill, American Vacuum Society, 335 E. 45th St., New York, NY 10017; (212) 661-9404

24-29  
European Conference on Applications of Surface and Interface Analysis (ECASIA 89)  
Antibes, France  
J. Fauvet, Société Française du Vide, 19 rue du Renard, F-75004 Paris, France

## NOVEMBER 1989

27-2  
**MRS** Materials Research Society Fall Meeting  
Boston Marriott and Westin Hotels/Copley Place, Boston, MA  
M. Geil, Materials Research Society, 9800 McKnight Rd., Suite 327, Pittsburgh, PA 15237; (412) 367-3003; fax (412) 367-4373

## DECEMBER 1989

14-26  
Royal Australian Chemical Institute PAC-Chem 89: International Congress of Pacific Basin Chemical Societies  
Hawaii  
D.J.T. Hill, Chemistry Dept., University of Queensland, St. Lucia, Queensland, 4067, Australia