

**Upcoming: MRS Fall Meeting in Boston, November 27–December 2.**

To list an event in the Calendar, contact J. Dinlany, Materials Research Society, 9800 McKnight Road, 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. XIV No. 9 for Calendar events from October 1 through October 31, 1989.

**NOVEMBER 1989**

- 31-3  
1st International Ceramic Science and Technology Congress  
Anaheim, CA  
G.R. Stull, American Ceramic Society, 757 Brooksedge Plaza Dr., Westerville, OH 43081-6136; (614) 890-4700; fax (614) 899-6109
- 1-3  
47th Annual Pittsburgh Diffraction Conference: Structure of Surfaces, Thin Films, and Membranes  
Pittsburgh, PA  
J. Magill, Pittsburgh Diffraction Conference, Dept. of Crystallography, 304 Thaw Hall, Univ. of Pittsburgh, Pittsburgh, PA 15260; (412) 624-9300
- 1-4  
Unified International Technical Conference on Refractories  
Anaheim, CA  
G.R. Stull, American Ceramic Society, 757 Brooksedge Plaza Dr., Westerville, OH 43081-6136; (614) 890-4700; fax (614) 899-6109
- 5-9  
7th International Conference of Solid-State Ionics (IS-7)  
Hakone, Japan  
M. Yoshimura, Research Lab. of Engineering Materials, Tokyo Institute of Technology, 4259 Nagatsuta, Midori, Yokohama, 227 Japan; 045-922-1111, ext. 2323; fax 045-921-1015
- 5-10  
Visual Communications and Image Processing '89 and Advances in Intelligent Robotics Systems  
Philadelphia, PA  
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290; fax (206) 647-1445

- 6-8  
22nd International SAMPE Technical Conference  
Boston, MA  
N. Hawley, 1055 W. San Bernardino Rd., Covina, CA 91722; (818) 331-0616
- 6-9  
2nd Topical Conference on Emerging Technologies in Materials, in conjunction with Annual AIChE Meeting  
San Francisco, CA  
AIChE Meeting Dept., 345 East 47th St., New York, NY 10017-2304; (212) 705-7329
- 7-8  
Advanced Materials: Outlook and Information Requirements  
Alexandria, VA  
L. J. Sousa, Bureau of Mines, 2401 E St. NW, Washington, DC 20241; (202) 634-1289
- 8  
Optical Inspection Techniques  
London, United Kingdom  
Institute of Physics, 47 Belgrave Square, London SW1X 8QX
- 9  
5th International Meeting on Titanium  
Turin, Italy  
E. Iannantuono, GTT S.A., Via Brofferio 3, 10121 Turin, Italy; 39-11-51 26 66; fax 39-11-53 95 60
- 13-14  
Superconductivity and Ionic Character in Layered Compounds  
Yokohama, Japan  
T. Makamura, Research Lab. of Engineering Materials, Tokyo Institute of Technology, 4259 Nagatsuta, Midori, Yokohama, 227 Japan; fax 045-921-1015
- 14-17  
2nd International Symposium on Superconductivity (ISS '89)  
Tsukuba City, Ibaraki, Japan  
ISS '89 Secretariat, ISTE, Eishin Kaihatsu Bldg., 34-3, Shimbashi 5-chome, Minato-ku, Tokyo, 105 Japan; 03-431-4002; fax 03-431-4044
- 22-24  
First European Conference on Materials Science and Technology  
Aachen, W. Germany  
Deutsche Gesellschaft für Metallkunde Ev., Adenauerallee 21, D-6370 Oberursel; (06171) 40 81; fax (06171) 52 55 4  
(See related article in Vol. XIV, No. 6.)

- 23-24  
International Conference on Modern Aspects of Superconductivity  
Paris, France  
R. Suryanarayanan, Lab. Physique des Solides, CNRS, 92195 Meudon, France; 00 33 45 34 75 50; fax 00 33 1 45 34 46 96
- 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**

- 11-13  
Second International Conference on CBE/MOMBE and Related Growth Techniques  
Houston, TX  
H-D. Shih, Univ. of Houston, Science and Research One, 4800 Calhoun Rd., Houston, TX 77004; (713) 749-3701; fax (713) 747-7724
- 11-16  
5th International Workshop on Physics of Semiconductor Devices  
New Delhi, India  
S.K. Shama, IWPSSD-89, National Physical Lab., Dr. K.S. Krishnan Rd., New Delhi 110 012, India; 586087
- 14-15  
Advanced Engineering with Ceramics  
London, United Kingdom  
Institute of Ceramics, Shelton House, Stoke Rd., Shelton, Stoke-on-Trent ST4 2DR; (0782) 202116; fax (0782) 202421
- 14-26  
Royal Australian Chemical Institute PAC-Chem 89: International Congress of Pacific Basin Chemical Societies  
Hawaii  
D.J.T. Hill, Chemistry Dept., Univ. of Queensland, St. Lucia, Queensland, 4067, Australia
- 22-26  
Recrystallization '90: International Conference on Recrystallization in Metallic Materials  
Wollongong, Australia  
TMS, Meetings Dept., 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770

- 31-2  
4th Berkeley International Conference on Corrosion-Erosion-Wear of Materials at Elevated Temperatures  
Berkeley, CA  
A.V. Levy, Lawrence Berkeley Laboratory, MS 62-203, Univ. of Calif., Berkeley, CA 94720; (415) 486-5822

**JANUARY 1990**

- 10-14  
International Conference on Superconductivity  
Bangalore, India  
S.V. Subramanyam, ICSC, Dept. of Physics, Indian Institute of Science, Bangalore 560 012, India; 91 (812) 3444 11, ext. 2315; fax 91 (812) 341683
- 14-19  
OE/LASE '90 Optics, Electro-Optics & Laser Applications in Science and Engineering  
Los Angeles, CA  
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290; fax (206) 647-1445

**FEBRUARY 1990**

- 4-7  
3rd International Conference on Ceramic Powder Processing Science  
San Diego, CA  
G.L. Messing, Pennsylvania State Univ., University Park, PA 16802; (814) 865-2262; fax (814) 865-2917
- 4-8  
18th Australian Polymer Symposium  
Bendigo, Victoria, Australia  
J.D. Wells, Bendigo College of Advanced Education, Bendigo, Victoria 3550, Australia; (054) 40 3222; fax (054) 40 3477
- 18-22  
TMS Annual Meeting  
Anaheim, CA  
TMS, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770

- 25-2  
Future Prospects and Applications for UV and VUV Lasers  
Santa Barbara, CA  
Engineering Foundation, 345 East 47th St., New York, NY 10017; (212) 705-7835; fax (212) 705-7441

**MARCH 1990**

- 4-9  
Symposium on Microlithography  
San Jose, CA  
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290; fax (206) 647-1445
- 5-9  
41st Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy  
New York, NY  
A. Johnson, Pittsburgh Conference, 300 Penn Ctr. Blvd., Suite 332, Pittsburgh, PA 15235
- 10-11  
Conducting Polymers: Electronic and Optical Properties  
Anaheim, CA  
J. Spellos, American Physical Society, 335 E. 45th St., New York, NY 10017; (212) 682-7341
- 12-16  
American Physical Society Meeting  
Anaheim, CA  
W.W. Havens, Jr., APS, 335 E. 45th St., New York, NY 10017
- 17-21  
Symposium on Advances in Semiconductors and Superconductors  
San Diego, CA  
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290

- 19-22  
U.K. Information Technology Conference  
Southampton University, United Kingdom  
IEE, Conference Services, Savoy Place, London WC2R 0BL; 01-240 1871; fax 01-240-7735

**APRIL 1990**

- 1-6  
8th International Conference on Thin Films, in conjunction with International Conference on Metallurgical Coatings  
San Diego, CA  
W.D. Sproul, Bas. Ind. Res. Lab., Northwestern Univ., 1801 Maple Ave., Evanston, IL 60201-3135; (312) 491-4108; fax (312) 491-4486

- 1-7  
1st International Conference on Epitaxial Crystal Growth  
Budapest, Hungary  
E. Lendvai, Res. Inst. for Tech. Phys., Hungarian Acad. of Sci., Ujpest 1, Pf 76, Budapest, Hungary-1325; fax (36) (1) 698-037
- 2-6  
International Congress on Optical Science and Engineering  
Hamburg, W. Germany  
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290; fax (206) 647-1445
- 2-6  
Advances in Materials Science and Applications of High-Temperature Superconductors  
Greenbelt, MD  
Y. Flom, NASA Goddard Space Flight Center, Code 313.0, Bldg. 22, Rm. 339, Greenbelt, MD 20771; (301) 286-3274
- 3  
3rd Annual Buffalo Symposium on Materials and Processes  
Buffalo, NY  
C. Lorge, Wilson Greabatch Ltd., 10,000 Wehrle Drive, Clarence, NY 14031; (716) 959-6901
- 4-6  
Fine Ceramic Powders  
University of Warwick, United Kingdom  
Institute of Ceramics, Shelton House, Stoke Rd., Shelton, Stoke-on-Trent ST4 2DR; (0782) 202116; fax (0782) 202421
- 8-13  
American Crystallographic Association Meeting  
New Orleans, LA  
ACA, P.O. Box 96, Ellicott Station, Buffalo, NY 14025-0096; (716) 856-9600, ext. 321
- 10-12  
New Materials and Their Applications  
Warwick, United Kingdom  
Institute of Physics, 47 Belgrave Square, London SW1X 8DX, United Kingdom; 01-235 6111; fax 01-259 6002
- 16-20  
**MRS** Materials Research Society Spring Meeting  
San Francisco, CA  
M. Geil, Materials Research Society, 9800 McKnight Rd., Pittsburgh, PA 15237; (412) 367-3003; fax (412) 367-4373
- 22-27  
American Chemical Society Meeting  
Boston, MA  
American Chemical Society, 1155 16th St. NW, Washington, DC 20036; (202) 872-4600
- 23-25  
Material Aspects of Machining  
Brugge, Belgium  
R. Peys, Ingenieurshuis vzw, Desguinlei 214, B-2018 Antwerpen; 03/216 09 96; fax 03/216 06 89
- 23-26  
International Conference on Low Temperature Electronics  
Berkeley, CA  
M. Vukovojac, Butterworth Scientific Ltd., P.O. Box 63, Westbury House, Bury St., Guildford, Surrey GU2 5BH, United Kingdom; 0483 30096; fax 0483 301563
- 23-27  
MASHTC '90: International Conference on Materials Science for High Technologies  
Dresden, E. Germany  
W. Pompe, MASHTC '90, Zentralinstitut für Festkörperphysik und Werkstofforschung der AdW der DDR, Helmholtzstr. 20, Dresden, DDR-8027, East Germany
- 24  
26th Symposium of the New Mexico Chapter of the American Vacuum Society  
Albuquerque, NM  
D. Harradine, Los Alamos National Laboratory, MS J567, Los Alamos, NM 87545; (505) 667-1176
- 24-27  
13th International Cryogenic Engineering Conference  
Beijing, China  
C.S. Hong, Cryogenic Lab., Academia Sinica, AS, P.O. Box 2711, Beijing 100080, China; 256-4051; fax 256-4049
- 25-27  
Cadcomp'90: Computer Aided Design in Composite Material Technology  
Brussels, Belgium  
M. Bourlau, CADCOMP 90, VUB-TW (KB), Pleinlaan 2, B-1050 Brussels, Belgium; 32 (0) 2.6412922
- 25-27  
12th Symposium on Applied Surface Analysis  
Albuquerque, NM  
D. Harradine, Los Alamos National Laboratory, MS J567, Los Alamos, NM 87545; (505) 667-1176
- 30-4  
Conference on the Science and Technology of Thin Film Superconductors  
Denver, CO  
D. Christodoro, Solar Energy Research Institute, Conf., Coordination Section, 1617 Cole Blvd., Golden CO 80401-3393; (303) 231-1158
- MAY 1990**
- 6-8  
Symposium on High T<sub>c</sub> Superconductor Technologies at the 177th Electrochemical Society Meeting  
Montreal, Canada  
S. Raider, IBM T.J. Watson Research Ctr., P.O. Box 218, Yorktown Heights, NY 10598; (914) 945-2203
- 6-11  
Metalized Plastics: Fundamental and Applied Aspects II  
Montreal, Canada  
K.L. Mittal, IBM US Technical Education, 500 Columbus Ave., Thomwood, NY 10594; (914) 742-5747
- 9-11  
ICMC-90: High Temperature Superconductors—Materials Aspects  
Garmisch-Partenkirchen, W. Germany  
Conference Secretariat: ICMC-90—HTSC, Deutsche Gesellschaft für Metallkunde, eV, Adenauerallee 21, D-6370 Oberursel, W. Germany; (06171) 4081, fax (06171) 52 554.
- 14-16  
Computer-Assisted Image Analysis and Measurement  
Raleigh, NC  
B. Winston, Dept. of Lifelong Ed., N.C. State Univ., Raleigh, NC 27695; (919) 737-2261
- 15-18  
International Conference on Dynamics of Flexible Structures in Space—1990  
Cranfield, Bedford, United Kingdom  
Conference Sec., College of Aeronautics, Cranfield Institute of Technology, Cranfield, Bedford MK43 0AL, United Kingdom; 0234 750111, ext. 2744; fax (0234) 751550
- 17-18  
Nonmetallic Materials and Composites at Low Temperatures  
Heidelberg, W. Germany  
G. Hartwig, Kernforschungszentrum Karlsruhe, Institut für Materials- und Festkörperforschung IV, Postfach 3640, D-7500 Karlsruhe, W. Germany; (07247) 823789; fax (07247) 825070
- 20-24  
International Conference on Organic Superconductors  
S. Lake Tahoe, CA  
W.A. Little, Physics Dept., Stanford Univ., Stanford CA 94305-2196; (415) 723-4233
- 20-24  
Workshop on the Science and Technology of Diamond Thin Films  
Concord, OH  
J.C. Angus, Chemical Engrg. Dept., Case Western Reserve Univ., Cleveland, OH 44106; (216) 368-4133; fax (216) 368-3016
- 23-25  
Fourth MiCon Symposium on Advances in Video Technology: Materials Science Applications  
San Francisco, CA  
ASTM, 1916 Race St., Philadelphia, PA 19103
- 29-31  
11th International SAMPE European Chapter Conference  
Basil, Switzerland  
N. Hawley, 1055 W. San Bernardino Rd., Covina, CA 91722; (818) 331-0616
- JUNE 1990**
- 5-7  
4th International Conference on Advanced Infrared Detectors and Systems  
London, United Kingdom  
Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, United Kingdom; 01-240 1871 ext. 222; fax 01-240 7735
- 6-8  
High Performance Composites for the 1990s  
Morristown, NJ  
TMS, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770
- 10-16  
1st European East-West Symposium on Materials and Processes with High Industrial Potential  
Helsinki, Finland  
Technolink Oy, Maritta Kerppola, Teknilkantie 17, SF-02150 Espoo, Finland; 358 0 43751; fax 358 0 4375610
- 11-13  
5th International Workshop on Electroluminescence  
Helsinki, Finland  
M. Leskeltä, Dept. of Chemical Engrg., Helsinki Univ. of Tech., SF-02150 Espoo, Finland; 358-0-451 2597; fax 358-0-462 373
- 11-14  
4th International Symposium on Nondestructive Characterization of Materials™  
Annapolis, MD  
C.O. Ruud, 159 Materials Research Lab., The Pennsylvania State Univ., University Park, PA 16802
- 11-14  
11th Biennial Conference on National Materials Policy  
Williamsburg, VA  
B. Houston, Federation of Materials Societies, 1707 L St., NW, Suite 333, Washington, DC 20036; (202) 296-9282
- 12-14  
4th International Electronic Materials and Processes Conference  
Albuquerque, NM  
SAMPE, P.O. Box 2459, Covina, CA 91722; (818) 331-0616; fax (818) 332-8929
- 13-15  
Atomic Layer Epitaxy  
Helsinki, Finland  
L. Niinistö, Dept. of Chemical Engrg., Helsinki Univ. of Tech., Kemistintie 1, SF-02150 Espoo, Finland; 358-0-4512600; fax 3580-462373
- 18-22  
**MRS** C-MRS International '90  
Beijing, China  
Henge De Li, Dept. of Materials Science & Engineering, Tsinghua Univ., Beijing 100084, China; 655646; fax (01) 2019583  
(See related article in this issue.)
- 24-30  
7th CIMTEC—World Ceramics Congress  
Florence, Italy  
Seventh CIMTEC, P.O. Box 174, 48018 Faenza, Italy; 546-664143; fax 546-664138
- 26-28  
Computer-Aided Assessment and Control of Localized Damage  
Ashurst Southampton, United Kingdom  
J. Futers, Computational Mechanics Institute, Ashurst Lodge, Ashurst, Southampton SO4 2AA, United Kingdom; (042129) 3223; (042129) 2853
- JULY 1990**
- 2-5  
7th CIMTEC Satellite Symposium 4, High-T<sub>c</sub> Superconductors (See June 24-30 CIMTEC listing)  
Trieste, Italy  
7th CIMTEC, Satellite Symposium 4, P.O. Box 174, 48018 Faenza, Italy; 546-664143; fax 546-664138
- 17-19  
Low Temperature Engineering and Cryogenics Conference, LTEC'90  
Southampton, England  
Cryogenics Conference Office, Institute of Cryogenics, University of Southampton, SO9 5NU, United Kingdom; 0703-595000, ext. 2059 or 2662; fax 0703-593939

30-2  
8th International Conference on Ion Implantation Technology  
University of Surrey, United Kingdom  
P.L.P. Hemment, Dept of Electronic & Electrical Engineering, Univ. of Surrey, Guildford, Surrey GU2 5XH; (0483) 571281; fax (0483) 300803

30-3  
5th International Conference on the Physics of Electro-Optic Microstructures and Microdevices  
Heraklion Crete, Greece  
A. Christou, Code 6830, Naval Research Laboratory, 4555 Overlook Ave. SW, Washington, DC 20375-5000; fax (202) 767-0546

### AUGUST 1990

8-10  
Speciality Polymers '90  
Baltimore, MD  
W. Harvey, SP '90, Butterworth Scientific Ltd., P.O. Box 63, Westbury House, Bury St., Guildford, Surrey, GU2 5BH, United Kingdom; 0483 300966; fax 0483 301563

26-31  
Light, X-Ray and Neutron Scattering and Reflectivity from Polymers: American Chemical Society National Meeting  
Washington, D.C.  
P.M. Cotts, K93/802, IBM Almaden Research Ctr., 650 Harry Rd., San Jose, CA 95120-6099; (408) 927-1638

26-31  
6th International Conference on Molecular Beam Epitaxy  
La Jolla, CA  
C.W. Tu, Dept. of Electrical and Computer Engrg., Univ. of Calif. at San Diego, MC R-007, La Jolla, CA 92093-0407; (619) 534-4687; fax (619) 534-2486

27-30  
10th International Symposium on Boron, Borides, and Related Compounds  
Albuquerque, NM  
T.L. Aselage, Div. 1842, Sandia National Labs., Albuquerque, NM 87185-5800; (505) 844-0949

27-31  
6th Trieste Semiconductor Symposium: Hydrogen in Semiconductors  
Trieste, Italy  
M. Stutzmann, Max Planck Institut für Festkörperforschung, Heisenbergstrasse 1, D-7000 Stuttgart 80, W. Germany; (0711)68 60-1; fax (0711) 6874371

### SEPTEMBER 1990

9-14  
MIRS Ion Beam Modification of Materials—IBMM '90  
Knoxville, TN  
P.H. Green, IBMM '90, Oak Ridge National Lab., Solid State Div., P.O. Box 2008, M.S. 6033, Oak Ridge, TN 37831-6033; (615) 576-1864; fax (615) 574-4143

10-13  
2nd World Congress on Superconductivity  
Houston, TX  
World Congress on Superconductivity, P.O. Box 27805, Houston, TX 77227-7805; (713) 895-2500; fax (713) 623-3560

11-13  
3rd International SAMPE Metals Conference  
Williamsburg, VA  
N. Hawley, 1055 W. San Bernardino Rd., Covina, CA 91722; (818) 331-0616

17-19  
MIRS 2nd International Conference on Electronic Materials (ICEM-II)  
Hoboken, NJ  
J. Stokes, Materials Research Society, 9800 McKnight Rd., Pittsburgh, PA 15237; (412) 367-3003; fax (412) 367-4373

17-20  
Applied Optics and Opto-Electronics  
University of Nottingham, United Kingdom  
Applied Optics Group, Blackett Laboratory, Imperial College, London SW7 2BZ; (01) 589 5111 ext. 6975/6842

24-27  
European Gallium Arsenide Conference  
St. Helier, Jersey, Channel Islands  
Meetings Officer, Institute of Physics, 47 Belgrade Square, London SW1X 8QX, England

### OCTOBER 1990

3-6  
American Society of Composites: Fourth Technical Conference on Composite Materials  
Blacksburg, VA  
M.W. Hyer, RSM Dept., Virginia Tech., Blacksburg, VA 24061; (703) 231-5372

8-12  
37th National Vacuum Symposium  
Toronto, Ontario, Canada  
M. Churchill, American Vacuum Society, 335 E. 45th St., New York, NY 10017

15-17  
ISHM '90: International Symposium on Microelectronics  
Chicago, IL  
N. Binkley, ISHM, P.O. Box 2698, Reston, VA 22090-2698; (703) 471-0066; fax (703) 471-1937

### NOVEMBER 1990

26-1  
MIRS Materials Research Society Fall Meeting  
Boston, MA  
M. Geil, Materials Research Society, 9800 McKnight Rd., Pittsburgh, PA 15237; (412) 367-3003; fax (412) 367-4373

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