

**Upcoming: August 24-26, Materials Chemistry: An Emerging Subdiscipline; September 7-10, Ultrathin Films, Multilayers, and Surfaces Symposium**

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

**MRS, AMSC, C-MRS, E-MRS, MRS-I, MRS-J, MRS-Korea, MRS-T, Mexican MRS, or IUMRS at the end of an entry indicates sponsorship or co-sponsorship of an event by the International Union of Materials Research Societies or one of its adhering bodies (see p. 2). "Endorsed" identifies events endorsed by MRS.**

▼ identifies a new or revised entry this month.

See the May 1992 MRS BULLETIN for Calendar entries from July 1-31, 1992.

**AUGUST 1992**

3-7  
19th Annual NAOSMM Conf. and Trade Show  
Valley Forge, PA  
B. Neff, 92 Host, St. Josephs Univ., Chemistry Dept., Philadelphia, PA 19131; (215) 660-1790.

4-7 ▼  
Intl. Conf. on Superlattices, Microdevices, and Microstructures  
Xi'an, China  
D.S. Jiang, Institute of Semiconductors, P.O. Box 912, Beijing 100083, China.

9-14 ▼  
41st Annual Meeting of the American Crystallographic Association and 50th Annual Pittsburgh Diffraction Conf.  
Pittsburgh, PA  
American Crystallographic Association, P.O. Box 96 Ellicott Station, Buffalo, NY 14205.

9-14 ▼  
Summer School on Crystal Growth  
Palm Springs, CA  
C.D. Brandle, AT&T Bell Laboratories, 600 Mountain Ave., 7C-403, Murray Hill, NJ 07974.

9-20  
NATO Advanced Study Institute: New Superconducting Electronics  
Waterville Valley, NH  
H. Weinstock, AFOSR/NE, Washington, DC 20332-6448; (202) 767-4933; fax (202) 767-4986.

10-14  
Kinetics of Phase Transitions  
Edinburgh, United Kingdom  
ICMS, Heriot-Watt Univ., Riccarton, Edinburgh, EH14 4AS, United Kingdom; 44-31-451-3250; fax 44-31-451-3249.

10-14  
39th International Field Emission Symposium  
Halifax, Nova Scotia, Canada  
H.J. Kreuzer, Chairman, 39th IFES, Department of Physics, Dalhousie University, Halifax, Nova Scotia B3H 3J5, Canada; (902) 494-2337; fax (902) 494-5191.

10-14  
21st International Conference on the Physics of Semiconductors  
Beijing, China  
L.L. Chang, IBM T.J. Watson Research Center, Yorktown Heights, NY 10598; (914) 945-2254; fax (914) 945-2141; or X. Xide, Fudan University, Shanghai, China; 86-21-5483331; fax 86-21-3269848 or 5488839.

16-21  
Atomic and Nanoscale Modification of Materials: Fundamentals and Applications  
Ventura, CA  
Engineering Foundation, 345 E. 47th St., New York, NY 10017; (212) 705-7835; fax (212) 705-7441.

16-21  
50th Annual Meeting of the Electron Microscopy Society of America (Joint with the Microbeam Analysis Society and the Microscopical Society of Canada)  
Boston, MA  
M. Maser, EMSA Business Office, Box EMSA, Woods Hole, MA 02543; (508) 540-7639; fax (508) 540-5594.

16-22  
10th Intl. Conf. on Crystal Growth  
San Diego, CA  
J.C. Jacco, Philips Components, 5083 Kings Highway, Saugerties, NY 12477; (914) 246-2811; fax (914) 256-0486.

16-4  
Quantitative Microbeam Analysis  
Dundee, Scotland  
A.G. Fitzgerald, QMA '92, 40th Scottish Univs. Summer School in Physics, Carnegie Lab. of Physics, Univ. of Dundee, Dundee DD1 4HN, Scotland, U.K.; 44-382-23181, ext. 4553; fax 44-382-202830.

18-20  
Intl. Conf. on Solid State Science and Technology  
Penang, Malaysia  
K. Ibrahim, Conf. Secretary, School of Physics, University Science Malaysia, 11800 USM, Penang, Malaysia; 60-4-877888, ext. 3663; fax 60-4-875113.

23-28 ▼  
Applied Superconductivity Conf.  
Chicago, IL  
J. Coble, ASC/92, MSD-223, Argonne National Laboratory, Argonne, IL 60439; (708) 252-5497; fax (708) 252-7777.

23-28  
204th ACS National Meeting  
Washington, DC  
American Chemical Society, Meetings Dept., 1155 16th St. NW, Washington, DC 20036; (202) 872-4396.

24-26 ▼  
**Materials Chemistry: An Emerging Subdiscipline**  
Washington, DC  
L.A. Casper, 419 Engineering Research Bldg., 1500 Johnson Dr., Madison, WI 53706; (606) 262-5215; fax (606) 262-8707. **Endorsed.**

24-28  
7th Intl. Conf. on Molecular Beam Epitaxy  
Schwäbisch Gmünd, Germany  
K. Ploog, MBE-VII Chairman, Max-Planck-Institut für Festkörperforschung, P.O. Box 80 06 65, D-7000 Stuttgart 80, Germany; 49-711-68-60-1; fax 49-711-68-74-371.

30-3 ▼  
Extended Defects in Semiconductors  
Dresden, Germany  
J. Hendeković, European Science Foundation, 1 quai Lezay-Marnésia, F-67080 Strasbourg, France.

31-2  
IEEE Intl. Symposium on the Application of Ferroelectrics  
Greenville, SC  
G. Haertling, 206 Olin Hall, Clemson University, Clemson, SC 29634; (803) 656-0180; fax (803) 656-1095.

31-4  
3rd Intl. Conf. on New Diamond Science and Technology  
Heidelberg, Germany  
Conf. Organizers in Medicine, Science, and Technology, Av. de la Gare 52, P.O. Box 415, 1001 Lausanne 1, Switzerland; 41-21-23-48-86; fax 41-21-234-972.

31-4  
8th International Conference on Liquid and Amorphous Metals  
Vienna, Austria  
G. Kahl, Institut für Theoretische Physik, Technische Universität Wien, Wiedner Hauptstrasse 8/10, A-1040 Vienna, Austria.

**SEPTEMBER 1992**

2-6 ▼  
Solid/Fluid Interfaces  
Amhem, Netherlands  
J. Hendeković, European Science Foundation, 1 quai Lezay-Marnésia, F-67080 Strasbourg, France.

7-10 ▼  
**Ultrathin Films, Multilayers, and Surfaces Symposium**  
Lyon, France  
D. Givord, CNRS Laboratoire de Magnétisme Louis Néel, BP166, 38042 Grenoble 9, France; 011-33-76-88-1090; fax 011-33-76-88-1191. **Co-sponsored.**

7-11 ▼  
Functional Polymers and Biopolymers  
Canterbury, United Kingdom  
A. Amass, Macromolecules '92, Chemical Engineering and Applied Chemistry, Aston Univ., Aston Triangle, Birmingham B4 7ET, U.K.

7-11  
1st NACE Asian Conference  
Singapore, Malaysia  
National Assoc. of Corrosion Engineers (NACE) Customer Service Dept., P.O. Box 218340, Houston, TX 77218; (713) 492-0535, ext. 81; fax (713) 492-8254.

7-11  
16th Intl. Conf. on Electrical Contacts  
Loughborough, United Kingdom  
ICEC '92, Dept. of Electronic and Electrical Engineering, Loughborough Univ. of Technology, Loughborough, Leicestershire LE11 3TU, U.K.

7-11  
10th European Congress on Electron Microscopy  
Granada, Spain  
A.L. Galindo, Dpto. Mineralogía y Petrología, I.A.G.M. Facultad de Ciencias, 18002 Granada, Spain; 34-58-243342; fax 34-58-243078.

7-11  
8th International Conference on Ion Beam Modification of Materials (IBMM 92)  
Heidelberg, Germany  
S. Kalbitzer, MPI Kernphysik, Postfach 103980, W-6900 Heidelberg 1, Germany; 49-6221-516-203; fax 49-6221-516-540.

8-11  
OE/FIBERS '92  
Boston, MA  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.

8-11  
7th Intl. Conf. on Quantitative Surface Analysis  
Guildford, United Kingdom  
C.P. Hunt, Div. of Materials Metrology, Bldg. 15, Natl. Physical Lab., Teddington, Middlesex TW11 0LW, U.K.; 44-81-977-3222.

14-18  
Intl. Symposium on Optical Systems Design  
Berlin, Germany  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.

14-19 ▼  
3rd Intl. Conf. and Exhibition of the World Congress on Superconductivity  
Munich, Germany  
C. Burnham, WCS III, P.O. Box 27805, Houston, TX 77227; (713) 895-2500; fax (713) 469-5788.

14-20  
Physics and Applications of Solid State Lasers  
Settlement Dagomys, Russia  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.

15-17 ▼  
6th Annual NYSIS Conf. on Superconductivity and Applications  
Buffalo, NY  
R.S. Hamilton, Conf. Chair, New York State Institute on Superconductivity, 330 Bonner Hall, SUNY, Buffalo, NY 14260; (716) 636-3463; fax (716) 636-3349.

16-18  
Plastics in Telecommunications VI, and Electrical, Optical, and Acoustic Properties of Polymers III  
London, United Kingdom  
Conf. Secretariat, PIT VI/EOA III, Plastics and Rubber Inst., 11 Hobart Place, London SW1W 0HL, U.K.; 44-71-245-9555; fax 44-071-823-1379.

16-22  
6th Intl. Symposium on Small Particles and Inorganic Clusters  
Chicago, IL  
R.S. Berry, ISSPIC 6, Dept. of Chemistry, Univ. of Chicago, 5735 S. Ellis Ave., Chicago, IL 60637; (312) 702-3177; fax (312) 702-0805.

17-19  
1st Intl. Symposium on Ultraclean Processing of Silicon Surfaces  
Leuven, Belgium  
Timshel Conference Service, J.B. Van Monsstraat 4, B-3000 Leuven, Belgium; 32-16-29-00-10; fax 32-16-29-05-10.

- 17-20 ▼  
Implant Retrieval Symposium  
St. Charles, IL  
Society for Biomaterials, Meeting Management Office, 6524 Walker St., Suite 215, Minneapolis, MN 55426; (612) 927-0060; fax (612) 927-8127.
- 20-3  
NATO Advanced Study Institute: High Pressure Chemistry, Biochemistry, and Materials Science  
Acquafredda di Maratea, Italy  
J. Jonas, Univ. of Illinois, School of Chemical Sciences, 505 S. Mathews Ave., Urbana, IL 61801; (217) 333-0710; fax (217) 244-9068.
- 20-25  
19th Annual Meeting of the Federation of Analytical Chemistry and Spectroscopy Societies  
Philadelphia, PA  
N.J. Miller-Illich, USDA, NCL, Bldg. 161 BARC-East, Beltsville, MD 20705; (301) 504-8252.
- 20-25  
OSA Annual Meeting  
Albuquerque, NM  
Optical Society of America, 2010 Massachusetts Ave. NW, Washington, DC 20036; (202) 223-8130.
- 21-23  
Intl. Conf. and Exhibition on Microelectronics  
Warsaw, Poland  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.
- 21-24  
9th Intl. Conf. on Ion Implantation Technology  
Gainesville, FL  
S. Clark, Univ. of Florida, Dept. of Materials Science and Engineering, Gainesville, FL 32611-2066; (904) 392-1462; fax (904) 392-6359.
- 21-25 ▼  
13th Intl. Semiconductor Laser Conf.  
Takamatsu, Japan  
IEEE/LEOS, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855.
- 21-25  
Microelectronics Processing '92  
San Jose, CA  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.
- 21-25  
20th Intl. Congress on High-Speed Photography and Photonics  
Victoria, British Columbia, Canada  
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290; fax (206) 647-1445.
- 21-25  
9th Intl. Symposium on Gas Flow and Chemical Lasers  
Heraklion, Greece  
C. Fotakis, 9th GCL Symposium Chair, FORTH-IESL, P.O. Box 1527, 71110 Heraklion, Greece; 30-81-210035; fax 30-81-238824.
- 21-2  
NATO Advanced Study Institute: Multicomponent and Multilayered Thin Films for Advanced Microtechnologies  
Bad Windsheim, Germany  
O. Auciello, MCNC, 3021 Cornwallis Rd., Research Triangle Park, NC 27709-2889; (919) 248-1872; fax (919) 248-1455.
- 22-25  
2nd Intl. Conf. and Exhibition on Computer Applications to Materials and Molecular Science and Engineering  
Pacifico Yokohama, Japan  
M. Doyama, CAMSE '92, c/o Nikkan Kogyo Shimbun Business Bureau, 8-10 Kudan Kita, 1-chome, Chiyoda-ku, Tokyo 102, Japan; 81-3-3222-7162; fax 81-3-3221-7137.
- 22-26 ▼  
1st Intl. Conf. on Nanostructured Materials  
Cancun, Mexico  
M.J. Yacamán, Chairman, Academia Mexicana de Ciencia de Materiales, Av. Constituyentes 1046 1er. Piso, Col. Lomas Altas, Del. Miguel Hidalgo, 11950 Mexico, D.F.; (525) 327-75-80; fax (525) 327-76-01.
- 23-25  
12th Annual BACUS Symposium on Photomask Technology  
Sunnyvale, CA  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.
- 23-25  
Symposium on Microelectronic Processing Integration  
San Jose, CA  
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290; fax (206) 647-1445.
- 26-29  
Intl. Conf. on Optoelectronic Science and Engineering  
Beijing, China  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.
- 27-30 ▼  
Intl. Electronics Packaging Conf.  
Austin, TX  
W.D. Ashman, 1992 IEPS Program Committee, 114 N. Hale St., Wheaton, IL 60187; (708) 260-1044; (708) 260-0867.
- 27-1 ▼  
18th European Conf. on Optical Communication  
Berlin, Germany  
R. Evers or G. Troller, Heinrich-Hertz-Institut, Einsteinufer 37, D-1000, Berlin 10, Germany; 49-30-31002-399; fax 49-30-31002-559.
- 28-2 ▼  
19th Intl. Symposium on GaAs and Related Compounds  
Nagano, Japan  
IEEE/LEOS, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ, 08855; (908) 562-3893; fax (908) 562-1571.
- 30-1 ▼  
Challenges in Optoelectronic Packaging  
Baltimore, MD  
IEEE/LEOS, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ, 08855; (908) 562-3893; fax (908) 562-1571.

## OCTOBER 1992

- 1-2  
Joint French-U.S. Conf. on Modern Aspects of Superconductivity  
Houston, TX  
Dr. Niku-Lari, IIT-Intl., 40 Promenade Marx-Dormoy, 93460 Goumay-sur-Mame, France; fax 33-1-45-92-92. (See October 21-22 entry.)
- 4-9  
International Congress on Glass  
Madrid, Spain  
Secretaría del XVI Congreso Internacional del Vidrio, Sociedad Española de Cerámica y Vidrio, Ferraz, 11, E-28008 Madrid, Spain; 34-1-542-1770; fax 34-1-599-0575.
- 5-6 ▼  
25th SRC Users Group Meeting  
Stoughton, WI  
B. Tonner, Associate Director for Research, Univ. of Wisconsin-Madison, Synchrotron Radiation Center, 3731 Schneider Dr., Stoughton, WI 53589; (608) 873-6651; fax (608) 873-7192.
- 5-7  
Eurosensors VI  
San Sebastian, Spain  
Conference Secretariat, LANKOR, Calle Hernani 31, 1° Dcha., 20004 San Sebastian, Spain; 34-43-43.08.35; fax 34-43-29.04.32.
- 5-10  
12th International Symposium on the Reactivity of Solids  
Madrid, Spain  
12th ISRS Secretariat, Facultad de Químicas, Universidad Complutense, 28040 Madrid, Spain; 34-1-549-18-50; fax 34-1-243-33-62 or 34-1-543-33-62.
- 6-8  
24th Annual Intl. Society for the Advancement of Material and Process Engineering Technical Conf.  
Toronto, Ontario, Canada  
N. Hawley, SAMPE, 1055 W. San Bernardino Rd., Covina, CA 91722.
- 12-15  
4th European Conf. on Laser Treatment of Materials  
Göttingen, Germany  
Conf. Secretariat, Deutsche Gesellschaft für Materialkunde e.V., Adenauerallee 21, D-6370 Oberursel, Germany; 49-61-71-4081; fax 49-61-71-52554.
- 12-16  
2nd Intl. Congress on Energy, Environment, and Technological Innovation  
Rome, Italy  
Segreteria ENERG2, Via Eudossiana 18, 00184 Rome, Italy; 39-6-44585-260; fax 39-6-4817-254.
- 12-16  
12th International Vacuum Congress and 8th International Conference on Solid Surfaces (IVC-12/ICSS-8)  
The Hague, Netherlands  
Van Namen & Westerlaken Congress Organization Services, P.O. Box 1558, 6501 BN Nijmegen, The Netherlands; 31-80-234471; fax 31-80-601159.
- 18-21 ▼  
Interdisciplinary Workshop on Polymer Surfaces and Interfaces  
Danvers, MA  
T.P. Russell, IBM ARC, K93/802, 650 Harry Rd., San Jose, CA 95120; (408) 927-1638; fax (408) 927-3310.
- 18-23  
13th World Conf. on Nondestructive Testing  
Sao Paulo, Brazil  
Alcantara Machado Feiras e Promocoes Ltda., R. Hamarr Eventos Especiais S/C Ltda., Rua Dr. Gabriel dos Santos, 88, 01231, Sao Paulo-SP, Brazil; 55-11-826-9111; fax 55-11-67-3626.
- 18-23  
Applications and Fabrication of Nanostructures  
Kona, HI  
C.V. Freiman, Engineering Foundation, 345 E. 47th St., New York, NY 10017; (212) 705-7835; fax (212) 705-7441.
- 18-24  
3rd Intl. Conf. on Solid State and Integrated Circuit Technology of Materials  
Beijing, China  
C. C. Tsai, Co-chair, ICSICT '92, Xerox PARC, 3333 Coyote Hill Rd., Palo Alto, CA 94304; (415) 812-4515; fax (415) 493-6349. **Endorsed.**
- 19-21  
ISHM 25th Anniversary Symposium  
San Francisco, CA  
Intl. Society for Hybrid Microelectronics, P.O. Box 2698, Reston, VA 22090-2698; (800) 535-4746 or (703) 471-0066; fax (703) 471-1937.
- 20-22 ▼  
Advanced Metalization for ULSI Applications  
Phoenix, AZ  
F. Pintchovski, Motorola, Inc., APRDL, K10, 3501 Ed Bluestein Blvd., Austin, TX 78762; (512) 928-7966; fax (512) 928-5262.
- 21-22  
Joint French-U.S. Conf. on Modern Aspects of Superconductivity  
Paris, France  
Dr. Niku-Lari, IIT-Intl., 40 Promenade Marx-Dormoy, 93460 Goumay-sur-Mame, France; 33-1-45-92-92. (See October 1-2 entry.)
- 25-29  
3rd Intl. Conf. on Plasma Surface Engineering  
Garmisch-Partenkirchen, Germany  
K.W. Kramer, DGO, Hirionplatz 6, D-4000 Düsseldorf, Germany; 49-211-13-23-81; fax 49-211-32-7199.
- 28-30  
Microcontamination Conf. and Cleanroom Technology Forum  
Santa Clara, CA  
D. O'Connor, Microcontamination '92, 3340 Ocean Park Blvd., Suite 1000, Santa Monica, CA 90405; (213) 392-5509; fax (213) 392-4920.

## NOVEMBER 1992

- 1-4 ▼  
ACerS 3rd Intl. Ceramic Science and Technology Congress and Exposition  
San Francisco, CA  
American Ceramic Society, Inc., 757 Brookside Plaza Dr., Westerville, OH 43081; (614) 890-4700; fax (614) 899-6109.
- 1-5  
6th Intl. Conf. on Surface Modification Technologies  
Chicago, IL  
T.S. Sudarshan, Materials Modifications, Inc., P.O. Box 4817, Falls Church, VA 22044; (703) 534-0401; fax (703) 534-2844.

1-5  
**TMS Fall Meeting**  
 Chicago, IL  
 TMS, 420 Commonwealth Dr.,  
 Warrendale, PA 15086; (412) 776-  
 9050; fax (412) 776-3770.

2-5  
 12th Intl. Conf. on the Application  
 of Accelerators in Research and  
 Industry  
 Denton, TX  
 J.L. Duggan, Univ. of North  
 Texas, Dept. of Physics, P.O. Box  
 5368, Denton, TX 76203; (817)  
 565-3252; fax (817) 565-2227.

3-6  
**E-MRS Fall Meeting/3rd  
 European East-West Conference  
 on Materials and Processes**  
 Strasbourg, France  
 P. Siffert, B.P. 20, F-67037  
 Strasbourg Cedex, France; 33-88-  
 28-65-43; fax 33-88-28-09-90.  
**E-MRS.**

9 ▼  
 Environmental Interfaces Topical  
 Conf.  
 Chicago, IL  
 J.P. LaFemina, Pacific Northwest  
 Laboratory, P.O. Box 999,  
 Richland, WA 99352; (509) 375-  
 6895; (509) 375-6916.

9-11  
 4th Intl. Seminar on Battery  
 Waste Management  
 Deerfield Beach, FL  
 S.P. Wolsky, Ansum Enterprises,  
 Inc., 1900 Cocoonut Rd., Boca  
 Raton, FL 33432; (407) 391-  
 3544; fax (407) 750-1367.

9-12  
 17th Space Simulation Conf:  
 Terrestrial Test for Space Success  
 Baltimore, MD  
 Institute of Environmental  
 Sciences, 940 E. Northwest Hwy.,  
 Mount Prospect, IL 60056; (708)  
 255-1561; fax (708) 255-1699.

9-13 ▼  
 Silicon Based Heterostructures II  
 Chicago, IL  
 M. Churchill, 39th AVS National  
 Symposium, 335 E. 45th St.,  
 New York, NY 10017; (212) 661-  
 9404; fax (212) 983-6745.

10-12  
 8th Intl. Symposium on Ceramics  
 Rimini, Italy  
 Organizing Secretariat, Italian  
 Ceramic Center, Via Martelli 26,  
 40138 Bologna, Italy; 39-51-534-  
 015; fax 39-51-530-085.

15-18 ▼  
 Intl. Conf. on Tungsten and  
 Tungsten Alloys  
 Arlington, VA  
 R.G. Cornwall, Metal Powder  
 Industries Federation, 105 College  
 Rd. East, Princeton, NJ 08540;  
 (609) 452-7700; fax (609) 987-  
 8523.

15-18  
**STEDCON '92, Conf. on Science  
 and Technology of Electron  
 Devices**  
 Kruger Natl. Park, South Africa  
 P. Jensen, Mikomtek, CSIR, P.O.  
 Box 395, Pretoria 0001, South  
 Africa; 27-12-8413930; fax 27-12-  
 8414720.

15-18  
 Intl. Tungsten Symposium  
 Washington, DC  
 Metal Powder Industries Federa-  
 tion, 105 College Road East,  
 Princeton, NJ 08540-6692; (609)  
 452-7700; fax (609) 987-8523.

15-20  
 7th Latin American Symposium  
 on Surface Physics and 1st Inter-  
 American Congress on Surface  
 Science and Applications  
 Bariloche, Argentina  
 F.A. Ponce, Xerox PARC, 3333  
 Coyote Hill Rd., Palo Alto, CA  
 94304; (415) 494-4199; fax (415)  
 494-4105.

17-19 ▼  
**Optcon '92/Exhibit**  
 Boston, MA  
 SPIE, P.O. Box 10, Bellingham,  
 WA 98227; (206) 676-3290; fax  
 (206) 647-1445.

24-26  
 14th National Days on  
 Heat Treatment  
 Vysoké Tatry, Slovakia  
 T. Čikarová, Conf. Secretary, Dom  
 Techniky ZSVTS, Skultétyho Ul. 1,  
 832 27 Bratislava, CSFR; 42-7/  
 213 300; fax 42-7/214 491.

29-4 ▼  
 Advanced Heterostructure  
 Transistors V  
 Kona, HI  
 Engineering Foundation, 345 E.  
 47th St., New York, NY 10017;  
 (212) 705-7835.

30-4  
**MRS Fall Meeting**  
 Boston, MA  
 M. Geil, Materials Research  
 Society, 9800 McKnight Rd.,  
 Pittsburgh, PA 15237; (412) 367-  
 3003; fax (412) 367-4373. **MRS.**

## DECEMBER 1992

7-9 ▼  
 2nd Intl. Seminar on Double Layer  
 Capacitors  
 Deerfield Beach, FL  
 S.P. Wolsky, 1900 Cocoonut Rd.,  
 Boca Raton, FL 33432; (407) 391-  
 3544; fax (407) 750-1367.

7-9  
**Magneto-Optical Recording  
 Intl. Symposium**  
 Tuscon, AZ  
 T. Suzuki, IBM Almaden Research  
 Center, 650 Harry Rd., Dept. K67/  
 802, San Jose, CA 95120; (408)  
 927-2099; fax (408) 927-3025.  
**Endorsed.**

9  
 ASTM Symposium on Wear Test  
 Selection for Design and  
 Application  
 Miami, FL  
 A.W. Ruff, Symposium Chair,  
 NIST, A215, Bldg. 220, Gaithers-  
 burg, MD 20899; (301) 975-6010.

10-11  
**MRS-J Annual Meeting**  
 Kawasaki, Japan  
 c/o KSP, W-304, 100-1 Sakato,  
 Takatsu-ku, Kawasaki 213, Japan;  
 81-44-819-2001; fax 81-44-819-  
 2009. **MRS-J.**

14-18 ▼  
 Intl. Symposium on Optoelec-  
 tronics in Computers, Communi-  
 cations, and Control  
 Hsinchu, Taiwan  
 SPIE, P.O. Box 10, Bellingham,  
 WA 98227; (206) 676-3290; fax  
 (206) 647-1445.

29-31  
 5th Annual Intl. Superconductor  
 Applications Convention  
 San Diego, CA  
 T.J. Runner, Superconductor  
 Applications Assn., 27692 Deputy  
 Circle, Laguna Hills, CA 92653;  
 (714) 362-9701; fax (714)  
 362-9803

## JANUARY 1993

4-7 ▼  
 2nd Israeli Intl. Conf. on High-T.  
 Superconductivity  
 Eilat, Israel  
 S. Cahana, Head, Conf. Unit,  
 Ministry of Science and Technol-  
 ogy, P.O. Box 18195, 91181  
 Jerusalem, Israel; 972-2-825221;  
 fax 972-2-820591.

16-23 ▼  
 OE LASE '93  
 Los Angeles, CA  
 SPIE, P.O. Box 10, Bellingham,  
 WA 98227; (206) 676-3290; fax  
 (206) 647-1445.

25-29 ▼  
 20th Annual Conf. on the Physics  
 and Chemistry of Semiconductor  
 Interfaces  
 Williamsburg, VA  
 L.J. Brillson, PCSI-20 Program  
 Chairman, Xerox Webster  
 Research Center, 800 Phillips Rd.,  
 0114-41D, Webster, NY 14580;  
 (716) 422-6468; fax (716) 422-  
 1035.

## FEBRUARY 1993

1-4 ▼  
 North American Conf. on Smart  
 Structures and Materials  
 Albuquerque, NM  
 SPIE, P.O. Box 10, Bellingham,  
 WA 98227; (206) 676-3290; fax  
 (206) 647-1445.

21-25 ▼  
 Experimental Methods for  
 Materials Science Research  
 Denver, CO  
 W. Hofmeister, Dept. of Materials  
 Science and Engineering, Box  
 1593, Station B, Vanderbilt Univ.,  
 Nashville, TN 37235.

21-25  
 Annual TMS Meeting  
 Denver, CO  
 TMS Meetings Services Dept.,  
 420 Commonwealth Dr., Warren-  
 dale, PA 15086; (412) 776-9050;  
 fax (412) 776-3770.

21-26  
 Intl. Symposium on  
 the Interphase  
 Williamsburg, VA  
 F.J. Boerio, Dept. of Materials  
 Science and Engineering (ML 12),  
 Univ. of Cincinnati, Cincinnati, OH  
 45221; (513) 556-3111; fax (513)  
 556-2569.

28-5 ▼  
 Symposium on Microlithography  
 San Jose, CA  
 SPIE, P.O. Box 10, Bellingham,  
 WA 98227; (206) 676-3290; fax  
 (206) 647-1445.

## MARCH 1993

1-4 ▼  
 10th Intl. Seminar on Primary and  
 Secondary Battery Technology  
 and Application  
 Deerfield Beach, FL  
 S.P. Wolsky, Ansum Enterprises,  
 Inc., 1900 Cocoonut Rd., Boca  
 Raton, FL 33432; (407) 391-  
 3544; fax (407) 750-1367.

7-12  
 Critical Issues in the Development  
 of High Temperature Structural  
 Materials  
 Kona, HI  
 C.V. Freiman, Engineering  
 Foundation, 345 E. 47th St., New  
 York, NY 10017; (212) 705-7835,  
 fax (212) 705-7441.

9-11  
 Intl. Conf. on Surface Engineering  
 Bremen, Germany  
 Conf. Secretariat, Deutsche  
 Gesellschaft für Materialkunde  
 e.V., Adenauerallee 21, D-6370  
 Oberursel, Germany; 49-6171-  
 4081; fax 49-6171-52554.

10 ▼  
**Symposium on Cement and  
 Concrete in the Global  
 Environment**  
 Chicago, IL  
 B. McIntosh or D. Marsh,  
 Portland Cement Association,  
 5420 Old Orchard Rd., Skokie, IL  
 60077; (708) 966-6200; fax (708)  
 966-9781.

22-26  
 APS March Meeting  
 Seattle, WA  
 American Physical Society, 335  
 E. 45 St., New York, NY 10017;  
 (212) 682-7341.

28-2  
 205th ACS National Meeting  
 Denver, CO  
 American Chemical Society,  
 Meetings Dept., 1155 16th St.,  
 NW, Washington, DC 20036;  
 (202) 872-4396.

## APRIL 1993

12-16  
**MRS Spring Meeting**  
 San Francisco, CA  
 M. Geil, Materials Research  
 Society, 9800 McKnight Rd.,  
 Pittsburgh, PA 15237; (412) 367-  
 3003; fax (412) 367-4373. **MRS.**

13-17  
**9th Intl. Conf. on Wear of  
 Materials**  
 San Francisco, CA  
 K. Ludema, Mechanical Engineer-  
 ing, G.G. Brown Building, Univ. of  
 Michigan, Ann Arbor, MI 48109;  
 (313) 764-3364; fax (313) 747-  
 3170. **Endorsed.**

19-22 ▼  
 European Conf. on Integrated  
 Optics  
 Neuchâtel, Switzerland  
 IEEE/LEOS, 445 Hoes Lane, P.O.  
 Box 1331, Piscataway, NJ 08855;  
 (908) 562-3893; fax (908) 562-  
 1571.

21-23  
 Intl. Conf. on Hot Isostatic  
 Pressing  
 Antwerp, Belgium  
 R. Peys, K VIV-HIP 93, Desguinlei  
 214, B-2018 Antwerpen, Belgium;  
 32-3-216-09-96; fax 32-3-216-  
 06-89.



**MAY 1993**

16-21 ▼  
3rd Intl. Symposium on Process Physics and Modeling in Semiconductor Technology  
Honolulu, HI  
G.R. Srinivasan, IBM Semiconductor R&D Center, East Fishkill, Zip 47C, Hopewell Junction, NY 12533; (914) 894-6509; fax (914) 892-6406.

30-3 ▼  
Montreal II  
Montreal, Quebec, Canada  
E. Sacher, Dept. of Engineering Physics, Ecole Polytechnique, P.O. Box 6079, Station A, Montreal, Quebec H3C 3A7, Canada; (514) 340-4858; fax (514) 340-3218.

31-4  
4th Intl. Conf. on Fundamentals of Fracture  
Fukushima, Japan  
R. Thomson, NIST, Gaithersburg, MD 20899; (301) 975-5665; fax (301) 926-8349.

**JUNE 1993**

6-12 ▼  
2nd Intl. Workshop on Materials Processing in High Gravity  
Potsdam, NY  
L.L. Regel, Director of the Intl. Center for Gravity Materials Science and Applications, Potsdam, NY 13699; (315) 268-7672; fax (315) 268-3841.

7-10 ▼

7th Intl. Conf. on Solid-State Sensors and Actuators  
Yokohama, Japan  
K. Takahashi, Dept. of Physical Electronics, Tokyo Institute of Technology, Ohokayama, Megurku, Tokyo 152, Japan; fax 81-33-748-3135.

7-11 ▼

5th National Thermal Spray Conf.  
Anaheim, CA  
L. Hemeyer, Conf. Administrator, ASM International, Materials Park, OH 44073; (216) 338-5151; fax (216) 338-4634.

13-18

21st Biennial Conf. on Carbon  
Buffalo, NY  
D. Chung, Composite Materials Research Lab., Fumas Hall, SUNY, Buffalo, NY 14260; (716) 636-2520; fax (716) 636-3875.

**JULY 1993**

12-16

9th Intl. Conf. on Composite Materials  
Madrid, Spain  
A. Miravete, Dept. of Mechanical Engineering, Univ. of Zaragoza, Maria de Luna, 3, 50015 Zaragoza, Spain; 34-76-516200; fax 34-76-512932; or G. Springer, U.S.A., (415) 723-4135; fax (415) 723-0062

**AUGUST 1993**

22-27  
206th ACS National Meeting  
Chicago, IL  
American Chemical Society, Meetings Dept., 1155 16th St. NW, Washington, DC 20036; (202) 872-4396.

30-2

6th Intl. Congress on Tribology  
Budapest, Hungary  
EUROTRIB '93 Sekretariate, Hungarian Chemical Society, H-1027 Budapest, FO UTCA 68, Hungary; 36-1-201-8056; fax 36-1-156-1215.

31-4

3rd Intl. Conf. on Advanced Materials  
Tokyo, Japan  
ICAM-93, c/o Nikkan Kogyo Shimbun, Ltd. Business Bureau, 8-10, Kudan-Kita, 1-Chome, Chiyoda-ku, Tokyo 102, Japan; 81-3-3222-7162; fax 81-3-3221-7137. **MRS-J, IUMRS.**

**SEPTEMBER 1993**

12-15 ▼

Sensors and Their Applications  
Manchester, United Kingdom  
F. Maule, Institute of Physics, 47 Belgrade Sq., London SW1X 8QX, U.K.; 44-71-235-6111; fax 44-71-259-6002.

12-16 ▼

19th European Conf. on Optical Communication  
Montreux, Switzerland  
IEEE/LEOS, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ, 08855; (908) 562-3893; fax (908) 562-1571.

13-15

2nd Intl. Conf. on Spray Forming  
Swansea, Wales, United Kingdom  
J.A. Abrahams, "Beggars Roost," Channels End Road, Colmworth, Bedfordshire MK44 2NS, U.K.; 44-23-062-8862; fax 44-23-062-219.

**OCTOBER 1993**

4-8 ▼

5th Conf. on Applications of Surface and Interface Analysis  
Catania, Italy  
ECASIA '93, Consorzio Catania Ricerche, V. le A. Doria, 6, 95125 Catania, Italy; 39-95-221635/221921; fax 39-95-339734.

17-21 ▼

Intl. Symposium on Low-Carbon Steels for the '90s  
Pittsburgh, PA  
M. Karl, TMS Meetings Services Dept., 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770.

**NOVEMBER 1993**

1-5 ▼

Interfaces II  
Ballarat, Victoria, Australia  
Conf. Secretary, Interfaces II Melbourne, The Institute of Metals and Materials Australasia Ltd., Suite 215, 191 Royal Parade, Parkville, Victoria 3052, Australia; 61-3-347-2544; fax 61-3-348-1208.

7-10 ▼

Intl. Conf. on Processing Materials for Properties  
Honolulu, HI  
TMS Meetings Services Dept., 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770.

15-19

40th Annual AVS Symposium  
Orlando, FL  
American Vacuum Society, 335 E. 45 St., New York, NY 10017-3483; (212) 661-9404.

29-3

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

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