

Upcoming: April 27-May 1, MRS Spring Meeting

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 January 1992 MRS BULLETIN for Calendar entries from March 1-31, 1992.

APRIL 1992

1-3

1st Intl. Conf. on Multichip Modules  
Denver, CO  
D. Milne, Intl. Soc. for Hybrid Microelectronics, P.O. Box 2698, 1861 Wiehle Ave., Suite 260, Reston, VA 22090-2698; (703) 471-0066; fax (703) 471-1937.

1-3

SCANNING 92  
Atlantic City, NJ  
M.K. Sullivan, SCANNING 92, P.O. Box 832, Mahwah, NJ 07430; (201) 818-1010; fax (201) 818-0086.

5-10 ▼

203rd ACS National Meeting  
San Francisco, CA  
American Chemical Society, Meetings Dept., 1155 16th St. NW, Washington, DC 20036; (202) 872-4396.

6-8

14th Annual Intl. Safety, Industrial Hygiene, Medical, and Environmental Conf.  
Phoenix, AZ  
Semiconductor Safety Assoc., P.O. Box 17517, Austin, TX 78760; (512) 445-5909.

6-10

Intl. Conf. on Metallurgical Coatings and Thin Films  
San Diego, CA  
S.V. Krishnaswamy, Westinghouse Science and Technology Center, 1310 Beulah Rd., Pittsburgh, PA 15235; (412) 256-1998; fax (412) 256-1348.

7 ▼

Symposium on Computer Aided Designed of New Materials  
Guildford, United Kingdom  
M.A. Sacre, Dept. of Chemistry, University of Surrey, Guildford, Surrey GU2 5XH, U.K.; 44-483-300800; fax 44-483-300803.

8-10

Intl. Conf. on Magnesium Alloys and Their Applications  
Garmisch-Partenkirchen, Germany  
Conf. Secretariat, Deutsche Gesellschaft für Materialkunde e.V., Adenauerallee 21, D-6370 Oberursel, Germany; 49-6-171-4081; fax 49-6-171-52554.

9-12

ASME-Japanese Society of Mechanical Engineers Joint Conference on Electronic Packaging  
San Jose, CA  
ASME, 345 E. 47th St., New York, NY 10017; (212) 705-7000.

12-15

2nd European Conference on the Application of Polar Dielectrics (incorporating the 4th Intl. Symposium on Integrated Ferroelectrics)  
London, England  
K.J. Humphrey, Alcan International Ltd., Banbury Laboratories, Southam Road, Banbury, Oxfordshire, OX16 7SP, UK; fax 44-295-274216.

12-16

ACerS 94th Annual Meeting & Exposition  
Minneapolis, MN  
American Ceramic Society, 757 Brookside Plaza Dr., Westerville, OH 43081-6136; (614) 890-4700.

13-15

Intl. Meeting on Continuous Casting and Metal Matrix Composites  
Cairo, Egypt  
M.A. Taha, Organizing Committee, P.O. Box 8022 Massaken-Nasr City, 11371 Cairo, Egypt; fax 20-2-2-290-7077.

13-15

Workshop on the Regularities, Classifications, and Predictions of Advanced Materials  
Como, Italy  
J. Rodgers, National Research Council Canada, Bldg. M55, Rm. 275, Montreal Rd., Ottawa K1A 0S2, Canada; (613) 993-3294; fax (613) 952-8246.

20-23

Energy and Environment: Transitions in Eastern Europe  
Prague, Czechoslovakia  
Czechoslovakia Conference Coordinator, Univ. of North Dakota EERC, Box 8213, University Station, Grand Forks, North Dakota, 58202-8213; (701) 777-3120; fax (701) 777-5181.

20-24

4th Intl. Conf. on Indium Phosphide and Related Materials  
Newport, RI  
S.D. Evans, IEEE/LEOS, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331; (908) 562-3896; fax (908) 562-1571.

21-24

Frontiers of Electron Microscopy in Materials Science  
Oakland, CA  
W.E. King, Lawrence Livermore Natl. Lab., P.O. Box 808, L-357, Livermore, CA 94550; (415) 423-6547; fax (415) 423-7040.

22-24

Critical Currents in High-T<sub>c</sub> Superconductors  
Vienna, Austria  
Critical Currents—Vienna '92, Conf. Organizer, Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford, OX2 8DP, U.K.; 44-865-310366; fax 44-865-311268.

25-29

American Association of Museums Annual Meeting  
Baltimore, MD  
M. McCarthy, 1225 Eye St. NW, Washington, DC 20005; (202) 289-1818; fax (202) 289-6578.

27-30

16th Annual Conf. Course on Thermal Analysis in Research and Production  
Brooklyn, NY  
E.A. Turi, Polytechnic Univ., 333 Jay St., Brooklyn, NY 11201; (718) 260-3030; fax (718) 260-3136.

27-1 ▼

Corrosion '92, NACE Annual Conf.  
Nashville, TN  
National Association of Corrosion Engineers, P.O. Box 218340, Houston, TX 77218; (713) 492-0535; fax (713) 492-8254.

27-1

NATO Advanced Study Institute: Workshop on In-Situ Processing: Physics and Technology of Surface Modification  
Viana do Castelo, Portugal  
D.J. Ehrlich, C-175, MIT Lincoln Laboratory, Lexington, MA 02173.

27-1

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. MRS.

27-June 19 ▼

Condensed Matter on Superconductivity and Experimental Workshop on High-T<sub>c</sub> Superconductivity: Advanced Activities  
Trieste, Italy  
Intl. Centre for Theoretical Physics, HTS Experimental Workshop (Basic), P.O. Box 586, I-34100 Trieste, Italy; 39-40-224241; fax 39-40-224531.

28-1

7th International Symposium on Temperature: Its Measurement and Control in Science and Industry  
Toronto, Ontario, Canada  
7th Symposium on Temperature, Instrument Society of America, P.O. Box 12277, Research Triangle Park, NC 27709; (919) 549-8411.

MAY 1992

4-8

IES 38th Annual Technical Meeting and Equipment Exposition  
Nashville, TN  
Institute of Environmental Sciences, 940 E. Northwest Hwy., Mount Prospect, IL 60056; (708) 255-1561; fax (708) 255-1699.

4-15

Workshop on Neutron and Synchrotron Radiation Studies of Materials  
Upton, NY  
R. Greenberg, Dept. of Physics, Brookhaven Natl. Lab., Upton, NY 11973; (516) 282-5564; fax (516) 282-5888.

10-15

Conf. on Lasers and Electrooptics, and Quantum Electronics and Laser Science Conf.  
Anaheim, CA  
CLEO/QELS '92, Optical Society of America, 2010 Massachusetts Ave. NW, Washington, DC 20036-1023; (202) 223-0920; fax (202) 416-6100.

11-12 ▼

3rd Annual Workshop on Magnetic Resonance Microscopy and Materials Imaging  
Charlestown, MA  
J.L. Ackerman, Director of NMR Spectroscopy, Massachusetts General Hospital, Bldg. 149, 13th St., Charlestown, MA 02129; (617) 726-5811; fax (617) 726-5819.

11-15

11th International Conference on Vacuum Metallurgy  
Juan-les-Pines, France  
Société Française du Vide, 19, rue du Renard, 75004 Paris, France; 33-1-42-78-15-82; fax 33-1-42-78-63-20.

12-14 ▼

1st European Conf. on Smart Structures and Materials  
Glasgow, Scotland  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.

15-16 ▼

MRS-Korea Spring Meeting  
Taejon, Korea  
Materials Research Society of Korea, Seongdong P.O. Box 4, Seoul 133-600, Korea; 82-2-297-6771; fax 82-2-291-0578. MRS-Korea.

18-21

Advanced Aerospace Materials/Processes Conference & Exposition  
Anaheim, CA  
ASM International, Materials Park, OH 44073-0002; 216-338-5151; fax 216-338-4634.

18-22 ▼

Optical Materials Technology for Energy Efficiency and Solar Energy  
Toulouse, France  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.

18-22

Intl. Symposium on Optical Materials Technology for Energy Efficiency and Solar Energy  
Toulouse, France  
K. Burger, European Optical Society, Xantener Str. 22, D-1000 Berlin 15, Germany; 49-30-883-9507; fax 49-30-882-2028.

25-27

Workshop on Interfacial Phenomena at Carbon Surfaces  
Atlanta, GA  
R.T.K. Baker, Dept. of Chemical Engineering, 230 Ross Hall, Auburn, Univ., Auburn, Alabama 36849-5127; (205) 844-2007; fax (205) 844-5900.

25-29 ▼

Intl. Workshop on Effects of Strong Disorder in HTSC-II  
Tashkent, Uzbekistan  
V. Bobrovskii, Institute for Metal Physics, GSP 170, S. Kovalyevskaya Str. 18, 620219 Ekaterinburg, Russia; fax 7-3432-44-26-03.

25-29  
Beijing Intl. Conf. on High-T<sub>c</sub> Superconductivity  
Beijing, China  
S.S. Xie, Institute of Physics, CAS, P.O. Box 603, Beijing 100080, China; 86-281866; fax 86-1-2568834.

**JUNE 1992**

1-5  
1st Intl. Conf. on Fracture Mechanics of Concrete Structures  
Breckenridge, CO  
M. Moser, Center for Advanced Cement-Based Materials, Dept. of Civil Engineering, Northwestern Univ., Evanston, IL 60208-3111; fax (708) 467-1078.

2-5  
**E-MRS Spring Meeting/Intl. Conf. on Electronic Materials**  
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.**

3-5  
2nd Intl. Symposium on Atomic Layer Epitaxy  
Raleigh, NC  
S.M. Bedair, North Carolina State Univ., Dept. of Electrical and Computer Engineering, Raleigh, NC 27695; (919) 515-5204; fax (919) 515-5204.

4-6 ▼  
IMAT '92, Fair of Innovative Materials  
Faenza, Italy  
Conf. Secretariat IMAT '92, Techna, P.O. Box 174, 48018 Faenza, Italy; 39-546-22461; fax 39-546-664138.

7-12  
2nd Intl. Conf. on Laser Advanced Materials Processing  
Nagaoka City, Niigata, Japan  
SPE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290; fax (206) 647-1445.

8-12  
7th Trieste Semiconductor Symposium: Wide-Band-Gap Semiconductors  
Trieste, Italy  
C.G. Van de Walle, Xerox PARC, 3333 Coyote Hill Rd., Palo Alto, CA 94304; (415) 812-4163; fax (415) 812-4105.

8-12  
International Cryogenic Engineering Conference and International Cryogenic Materials Conference Joint Meeting (ICEC/ICMC-92)  
Kiev, U.S.S.R.  
E.W. Collings, Battelle, 505 King Ave., Columbus, OH 43201; (614) 424-4355; fax (614) 424-5263; or V. Lokteva, E.O. Paton Electric Welding Institute, 11 Bozhenko St., Kiev 252650, U.S.S.R., 7-44-269-09-60; fax 7-44-296-09-60.

9-12  
From Galileo's "Occhialino" to Optoelectronics: Frontiers of Optical Systems and Materials  
Padova, Italy  
OPTICS 1992 Secretariat, Dipart. di Fisica "Galileo Galilei," Via Marzolo 8, I-35131 Padova, Italy.

10-12  
3rd Intl. Conf. on Advances in Fusion and Processing of Glass  
New Orleans, LA  
M.B. Adams, IUCGR, NYS College of Ceramics at Alfred University, Alfred, NY 14802; (607) 871-2495; fax (607) 871-2392.

10-12  
14th Symposium on Applied Surface Analysis  
Ann Arbor, MI  
S. Gaarenstroom, General Motors Research Laboratories, 30500 Mound Road, Box 9055, Warren, MI 48090-9055; (313) 986-0835; fax (313) 986-0136.

10-12  
Intl. Symposium on Optical Fabrication, Testing, and Surface Evaluation  
Tokyo, Japan  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.

13-18  
National Solar Energy Conf.  
Cocoa Beach, FL  
L. Sherwood, American Solar Energy Soc., 2400 Central Ave., Suite G-1, Boulder, CO 80301; (303) 443-3130; fax (303) 443-3212.

14-17  
Surface Chemistry of Electronic Materials Processing  
Morgantown, WV  
C.O. Stinespring, Dept. of Chemical Engineering, West Virginia Univ., Box 6101, Morgantown, WV; (304) 293-2111 ext. 425; fax (304) 293-5024.

21-26  
**Powder Metallurgy World Congress**  
San Francisco, CA  
P. Johnson, Metal Powder Industries Federation, 105 College Road East, Princeton, NJ 08540-6692; (609) 452-7700; fax (609) 987-8523. **Endorsed.** (See related article in February 1992)

22-24  
50th Annual Device Research Conf.  
Boston, MA  
J. Campbell, Microelectronics Research Center, ENS 439, Univ. of Texas, Austin, TX 78712; (512) 471-9669; fax (512) 471-8575.

22-26  
6th International Conference on Intergranular and Interphase Boundaries in Materials  
Thessaloniki, Greece  
E.K. Polychroniadi, Solid State Section, Dept. of Physics 313-1, Aristotle Univ. of Thessaloniki, 54006 Thessaloniki, Greece; fax 30-51-206138.

23-26 ▼  
Adriatico Research Conf. on Clusters and Fullerenes  
Trieste, Italy  
Adriatico Research Conf., Intl. Centre for Theoretical Physics, P.O. Box 586, I-34100 Trieste, Italy; 39-40-224-0343/0289; fax 39-40-224-163/559.

23-26  
**Intl. Workshop on Superconductivity**  
Honolulu, HI  
T. Kobayashi, ISTE, Eishin Kaihatsu Bldg., 6F, 34-3 Shim-bashi 5-chome, Minato-Ku, Tokyo 105, Japan; 81-3-3431-4002; fax 81-3-3431-4044. **MRS.**

23-27  
1st Pacific Rim International Conference on Advanced Materials and Processing  
Hangzhou, China  
PRICM-1 Secretariat, Chinese Society of Metals, 46 Dongxi Dajie, Beijing 100711, China; 86-1-5133322, ext. 1390; fax 86-1-5124122.

24-26  
TMS Electronic Materials Conf.  
Cambridge, MA  
TMS Meetings Services Dept., 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9000; fax (412) 776-3770.

28-1  
Intl. Conf. on Microphenomena in Advanced Composites  
Herzlia, Israel  
S. Cahana; Ministry of Science and Technology, P.O. Box 18195, 91181 Jerusalem, Israel; 972-2-825221; fax 972-2-820591.

28-2  
7th World Conference on Titanium  
San Diego, CA  
TMS, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770.

28-10  
NATO Advanced Study Institute: Mechanical Properties and Deformation Behavior of Materials Having Ultrafine Microstructures  
Torres Vedras, Portugal  
C.J. McHargue, Dept. of Materials Science and Engineering, 434 Dougherty Engineering Bldg., Univ. of Tennessee, Knoxville, TN 37996-2200; (615) 974-8013; fax (615) 974-2669.

29-3 ▼  
Gordon Research Conf. on Optical Phenomena in Glass  
Tilton, NH  
M.J. Weber, Chair, GRC on Glass, Lawrence Livermore National Laboratory, P.O. Box 808, L-326, Livermore, CA 94550; (510) 423-1036.

29-3  
6th Intl. Conf. on Solid Films and Surfaces  
Paris, France  
J. LeCante, LURE-Bat 209 D, Université Paris-Sud, 91405 Orsay Cedex; 33-1-64-46-80-03; fax 33-1-64-46-41-02.

**JULY 1992**

1-3  
2nd Intl. Conf. on Computer Aided Assessment and Control of Localized Damage  
Southampton, United Kingdom  
S. Owen, Conference Secretariat, Wessex Inst. of Technology, Ashurst, Southampton, SO4 2AA, U.K.; 44-703-293223; fax 44-703-292853.

9-10  
**MRS-J Summer 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.**

19-24 ▼  
Review of Progress in Quantitative NDE  
San Diego, CA  
D.O. Thompson, Director, Center for Nondestructive Evaluation, Iowa State Univ., 1915 Scholl Rd., Ames, Iowa 50011; (515) 294-8152; fax (515) 294-7771.

19-24  
37th Intl. Symposium on Optical and Optoelectronic Applied Science and Engineering  
San Diego, CA  
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290; fax (206) 647-1445.

20-24  
**Intl. Conf. on Martensitic Transformations**  
Monterey, CA  
J. Perkins, ICOMAT-92 Secretariat, Naval Postgraduate School, Code ME/PS, Monterey, CA 93943; (408) 646-2216; fax (408) 646-2761. **Endorsed.** (See related article in November 1990.)

26-31  
New Approaches to Undergraduate Engineering Education IV  
Santa Barbara, CA  
C.V. Freiman, Engineering Foundation, 345 E. 47th St., New York, NY 10017; (212) 705-7835; fax (212) 705-7441.

27-29 ▼  
Holographics Intl. '92  
London, United Kingdom  
SPIE, P.O. Box 10, Bellingham, WA 98227; (206) 676-3290; fax (206) 647-1445.

30-1  
2nd European Conference on Powder Diffraction (EPDIC-2)  
Enschede, Netherlands  
T.W. Ryan, Philips Analytical, Lelyweg 1, 7602EA Almelo, Netherlands; 31-5490-39443; fax 31-5490-39598.

**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.

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. Xie, Fudan University, Shanghai, China; 86-21-5483331; fax 86-21-3269848 or 5488839.

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.

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.

18-20  
Int'l. 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 ▼  
204th ACS National Meeting  
Washington, DC  
American Chemical Society,  
Meetings Dept., 1155 16th St.  
NW, Washington, DC 20036;  
(202) 872-4396.

23-28  
Applied Superconductivity  
Conference  
Chicago, IL  
K.E. Gray, Argonne National  
Laboratory, Materials Science  
Division, 9700 South Cass Ave.,  
Argonne, IL 60439; (708) 972-  
5525; fax (708) 972-3308.

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

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

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, Loughbo-  
rough 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.

14-18  
3rd Intl. World Congress on  
Superconductivity  
Munich, Germany  
C. Bumham, WCS President, P.O.  
Box 27805, Houston, TX 77227-  
7805; (713) 895-2500;  
fax (713) 623-3103.

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

15-17 ▼  
6th Annual Conf. on Supercon-  
ductivity and Applications  
Buffalo, NY  
R.S. Hamilton, NYSIS, 330  
Bonner Hall, SUNY, Buffalo, NY  
14260; (716) 636-3463;  
(716) 636-3349.

16-18  
Plastics in Telecommunications  
VI, and Electrical, Optical, and  
Acoustic Properties of  
Polymers III  
London, United Kingdom  
Conf. Secretariat, PIT V/EOA III,  
Plastics and Rubber Inst., 11  
Hobart Place, London SW1W  
OHL, 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.

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-  
8068.

20-25  
19th Annual Meeting of the  
Federation of Analytical Chemistry  
and Spectroscopy Societies  
Philadelphia, PA  
N.J. Miller-Ihli, 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 Engineer-  
ing, Gainesville, FL 32611-2066;  
(904) 392-1462; fax (904) 392-  
6359.

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  
1st Intl. Conf. on Nanostructured  
Material  
Cancun, Mexico  
V. Castano, Instituto de Fisica,  
UNAM, Apartado postal 20-364,  
C.P. 01000 Mexico, D.F., Mexico;  
(525) 548-58-78; fax (525) 548-  
31-11.

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.

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.

## OCTOBER 1992

4-9  
International Congress on Glass  
Madrid, Spain  
Secretaría del XVI Congreso  
Español del Vidrio, Sociedad  
Internacional de Cerámica y Vidrio,  
Ferraz, 11, E-28008 Madrid,  
Spain; 34-1-542-1770;  
fax 34-1-599-0575.

5-10  
12th International Symposium on  
the Reactivity of Solids  
Madrid, Spain  
12th ISRS Secretariat, Facultad de  
Químicas, Universidad Complu-  
tense, 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 Eudosa-  
siana 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 Nijme-  
gen, The Netherlands; 31-80-  
234471; fax 31-80-601159.

18-23  
13th World Conf. on Nondestructive Testing  
Sao Paulo, Brazil  
Alcantara Machado Feiras e Promocoes Ltda., R. Hamam 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.

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.

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

1-5  
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.**

9-11 ▼  
4th Intl. Seminar on Battery Waste Management  
Deerfield Beach, FL  
S.P. Wolsky, Ansum Enterprises, Inc., 1900 Coconut 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.

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. Tungsten Symposium  
Washington, DC  
Metal Powder Industries Federation, 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 Ibero-American Congress on Surface Science and Applications  
Bariolche, Argentina  
F.A. Ponce, Xerox PARC, 3333 Coyote Hill Rd., Palo Alto, CA 94304; (415) 494-4199; fax (415) 494-4105.

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

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 ▼  
**Magneto-Optical Recording Intl. Symposium**  
Tucson, 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, Gaithersburg, 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.**

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

## FEBRUARY 1993

21-25 ▼  
Annual TMS Meeting  
Denver, CO  
TMS Meetings Services Dept., 420 Commonwealth Dr., Warrendale, 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.

## MARCH 1993

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.

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  
P.A. Swanson, Conf. Secretary, Deere & Co., Technical Center, 3300 River Dr., Moline, IL 61265; (309) 765-3743; fax (309) 765-3807.

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

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

13-18  
21st Biennial Conf. on Carbon  
Buffalo, NY  
D. Chung, Composite Materials Research Lab., Furnas 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

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.

## NOVEMBER 1993

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.**