

UPCOMING: Fifth Conference on Low Energy Ion Beams, April 3-6; Sixth Oxford Conference on Microscopy of Semiconducting Materials, April 10; MRS Spring Meeting in San Diego, April 24-28

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. XIV No. 2 for Calendar events from March 1 through March 31, 1989.

APRIL 1989

- 1-6
Second World Congress on Superconductivity
Houston, TX
C. Burnham, P.O. Box 27805, Houston, TX 77227-7805; (713) 895-2500; fax (713) 623-3103
- 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
Science and Engineering of 1- and 0-Dimensional Semiconductors
Cadiz, Spain
S.P. Beaumont, Dept. of Electronics and Electrical Engineering, Univ. of Glasgow, G 12800 Glasgow, United Kingdom, fax 041 3304907; or R. Garcia Rojas, Dept. Quimica Organica, Fac. Ciencias, Universidad de Cadiz, Apt. 40, Puerto Real, Cadiz, Spain
- 4-7
Fifth National Space Symposium
Colorado Springs, CO
U.S. Space Foundation, P.O. Box 1838, Colorado Springs, CO 80901; (719) 550-1000
- 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

- 5-7
SCANNING 89/EM West
Long Beach, CA
D.G. Howitt, Dept. of Mechanical Engineering, Univ. of California, Davis, CA 95616; (916) 752-0580
- 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
A.G. Cullis, Royal Signals and Radar Estab., St. Andrews Rd., Malvern, Worcester WR 14 3PS, United Kingdom; 684-892733
(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
- 21
E-[MRS] Fourth BACG Photochemical Processing Workshop
London, United Kingdom
J. Haigh, British Telecom Research Labs, Martlesham Heath, Ipswich IP5 7RE, Suffolk, United Kingdom
(See related article in Vol. XIV No. 2.)
- 23-27
91st Annual Meeting and Expo of the American Ceramic Society
Indianapolis, IN
American Ceramic Society, 757 Brooksedge Plaza Dr., Westerville, OH 43081-6136; (614) 890-4700; fax (614) 899-6109
- 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
Fifth European Conference on Integrated Optics
Paris, France
D. Dowd, SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290
- 24-28
Ninth European Symposium on Optoelectronics
Paris, France
D. Dowd, SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290
- 24-28
X-Ray Instrumentation in Medicine, Biology, Plasma Physics, Astrophysics, and Synchrotron Radiation
Paris, France
D. Dowd, SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (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
- 28-2
Society for Biomaterials Annual Meeting
Lake Buena Vista, FL
A.S. Litsky, Ohio State Univ., S-2035 Davis Medical Research Ctr., 480 W. Ninth Ave., Columbus, OH 43210; (614) 293-4827
- MAY 1989**
- 1-3
Fifth Short Course on III-V Semiconductor Materials and Devices
Palo Alto, CA
E.R. Weber, Dept. of Materials Science, UC Berkeley, CA 94720; (415) 642-0205

- 1-4
American Physical Society Spring Meeting
Baltimore, MD
American Physical Society, 335 East 45th Street, New York, NY 10017; (212) 682-7341
- 1-5
Florida Catalysis Conference
Tarpon Springs, FL
R.S. Drago, Dept. of Chemistry, Univ. of Florida, Gainesville, FL 32611
- 3-5
Protective Coatings: Processing & Characterization
Hoboken, NJ
TMS, Meetings Dept., 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770
- 7-12
Symposium on High T_c Superconductor Technologies (HIT, ST2) at the 175th Meeting of The Electrochemical Society
Los Angeles, CA
S. Raider, IBM T.J. Watson Research Center, P.O. Box 218, Yorktown Heights, NY 10598; (914) 945-2203
- 7-12
Third International Conference on Fundamentals of Adsorption
Nürtingen, W. Germany
DECHEMA, Abt. Tagungen, P.O. Box 970146, Theodor-Heuss-Allee 25, D-6000 Frankfurt am Main 97, W. Germany
- 8-11
14th Annual Conference Course on Thermal Analysis in Research and Production
Brooklyn, NY
M.A. Turi, Polytechnic Univ., 333 Jay St., Brooklyn, NY 11201; (718) 260-2600; fax (718) 260-3136
- 8-11
34th SAMPE International Symposium and Exhibition
Reno, NV
SAMPE, 843 West Glentana, P.O. Box 2459, Covina, CA 91722; (818) 331-0616
- 8-12
11th Oak Ridge National Laboratory Symposium on Biotechnology for Fuels and Chemicals
Colorado Springs, CO
E. Greenbaum, Chemical Technology Div., Oak Ridge National Lab., 4500 N. MS 6194, P.O. Box 2008, Oak Ridge, TN 37831-6194; (615) 574-6835

- 9-11
International Conference on Coatings and Sensors for Acoustic and Electromagnetic-Optical Applications
University Park, PA
V.K. Varadan, Pennsylvania State Univ., Dept. of Engineering Science and Mechanics, University Park, PA 16802; (814) 863-4210
- 15-16
Scanning Tunneling Microscopy Spring Workshop
Philadelphia, PA
D.A. Bonnell, Univ. of Pennsylvania, Lab. for Research on the Structure of Matter, 3231 Walnut St., Philadelphia, PA 19104; (215) 898-6231
- 15-19
21st Annual Short Course on Instrumentation for Motion Analysis
Waterloo, Ontario, Canada
S. Daicos, Photonics Analysis Ltd., 410 Conestogo Rd., Waterloo, Ontario, Canada, N2L 4E2; (519) 885-2159; fax (519) 885-4712
- 16-19
Swift Heavy Ions in Matter
Caen, France
Symposium Secretary, SHIM 89/ CIRIL, BP 5133, 14040 Caen Cedex, France; 31 45 46 39; fax 31 45 46 65
- 16-19
46th Annual World Conference; International Magnesium Association
Dearborn, MI
IMA, 7927 Jones Branch Dr., Suite 400, McLean, VA 22102; (703) 442-8888; fax (703) 821-1824
- 18-19
Current Topics in Polymer Characterization
Storrs, CT
Y.H. Chudy, Institute of Materials Science, U-136, Univ. of Connecticut, 97 N. Eagleville Rd., Storrs, CT 06268; (203) 486-3582
- 22-25
Fifth International Symposium on Graphite Intercalation Compounds
Berlin, W. Germany
F.W. Froben, Fachbereich, Physik, Freie Universität Berlin, Arnimallee 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-MIRS 1989 European Materials Research Society Spring Meeting
 Strasbourg, France
 P. Siffert, Centre de Recherches Nucléaire, Laboratoire PHASE, F-67037, Strasbourg Cedex, France; 88 28 65 43
- 30-2
E-MIRS 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 Vol. XIII, No. 11.)
- 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
- 31-2
 Third International Conference on Systolic Arrays
 Killamey, Ireland
 J.V. McCanny, Queen's Univ. of Belfast, Dept. of Electrical and Electronic Engineering, Ashby Building, Stranmillis Rd., Belfast BT9 5AH, United Kingdom; (0232) 661111; fax (0232) 247895
- JUNE 1989**
- 5-6
 Eighth Annual Symposium Electronic Materials, Processing, and Characterization
 Richardson, TX
 M. Bennett-Liley, Eighth Annual Symposium, P.O. Box 830914, Richardson, TX 75083-0914; (214) 995-0821
- 12-14
 Alloy 718 Metallurgy & Applications
 Pittsburgh, PA
 TMS, Meetings Dept., 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770
- 12-15
 International Conference on Narrow Gap Semiconductors and Related Materials
 Gaithersburg, MD
 D.G. Seiler, Semiconductor Electronics Div., National Institute of Standards and Technology, Gaithersburg, MD 20899; (301) 975-2074
- 12-16
 Basic Course in SEM and X-Ray Microanalysis
 Bethlehem, PA
 J.I. Goldstein, Dept. of Materials Science and Engineering, Lehigh Univ., Bethlehem, PA 18015; (215) 758-5133
- 12-16
 Florida Advanced Materials Chemistry Conference
 St. Augustine, FL
 R.S. Drago, Dept. of Chemistry, Univ. of Florida, Gainesville, FL 32611
- 13-14
 Symposium on Nonlinear Optical Polymers for Soldier Survivability
 Natick, MA
 T. Sklarsky, U.S. Army Natick RD&E Center, STRNC-EMP, Natick, MA 01760-5014; (508) 651-4687
- 14-17
 High Energy and Heavy Ion Beams in Materials Analysis
 Albuquerque, NM
 J. Tesmer, MS K 765, Los Alamos National Laboratory, Los Alamos, NM 87545; (505) 667-6370; fax (505) 665-2992
- 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
- 18-23
 First European Ceramic Society Conference
 Maastricht, Netherlands
 L.M.J. Bos, P.O. Box 1630, 6201 BP Maastricht; (043) 83 83 83; fax (043) 83 83 00
- 19-21
 49th Annual Conference on Physical Electronics
 Seattle, WA
 Conference Management, Univ. of Washington Extension, GH-22, 5001 25th Ave. NE, Seattle, WA; (206) 543-2300
(See related article Vol XIV No. 2)
- 19-22
 Courses on: Semiconductor Device Characterization by SEM, Advanced Imaging Techniques in SEM, and X-Ray Microanalysis of Bulk, Particle, and Thin Film Specimens
 Bethlehem, PA
 J.I. Goldstein, Dept. of Materials Science and Engineering, Lehigh Univ., Bethlehem, PA 18015; (215) 758-5133
- 19-23
 Analytical Electron Microscopy
 Bethlehem, PA
 J.I. Goldstein, Dept. of Materials Science and Engineering, Lehigh Univ., Bethlehem, PA 18015; (215) 758-5133
- 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 Minerals, Metals & Materials Society, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050
- 25-30
 Transducers '89: Fifth International Conference on Solid-State Sensors and Actuators & Eurosensors III
 Montreux, Switzerland
 COMST, Avenue de la Gare 52, P.O. Box 415, 1001 Lausanne 1, Switzerland; (021) 23 48 86; fax (021) 234 972
- 26-28
 Coherence and Quantum Optics Conference
 Rochester, NY
 L. Mandel, Univ. of Rochester, Dept. of Physics, Rochester, NY 14627; (716) 275-4361
- 26-30
 Ion Beam Analysis Conference
 Kingston, Ontario, Canada
 J.F. Ziegler, Box 66, Hanover St., Yorktown, NY 10598
- JULY 1989**
- 3-5
 MicroProcess '89
 Kobe, Japan
 S. Namba, Business Center for Academic Societies Japan, Conference Dept., 3-23-1 Hongo, Bunkyo-ku, Tokyo 113, Japan; 81-3-817-5831; fax 81-3-817-5836
- 3-7
 International Conference on Martensitic Transformations
 Sydney, Australia
 N. Kennon, Dept. of Metallurgy and Materials Engineering, Univ. of Wollongong, Wollongong NSW 2500 Australia; 61 42 270457; fax (042) 270477
- 10
 Bonding and Repair of Composite Materials
 Birmingham, United Kingdom
 J. Herriot, Composites, Butterworth Scientific Limited, P.O. Box 63, Westbury House, Bury St., Guildford GU2 5BH, United Kingdom; 0483 300966
- 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
 Fourth International Conference on Modulated Semiconductor Structures
 Ann Arbor, MI
 MSS-4 Conf. Secretary, Extension Service, Conference Dept., Univ. of Michigan, 200 Hill St., Ann Arbor, MI 48104-3297
- 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
- 23-24
 International Symposium on Computer-Aided Materials Characterization
 Charlotte, NC
 R. Biederman, Worcester Polytechnic Institute, Worcester, MA 01609; (508) 831-5453/5346
- 23-28
 International Conference on Materials and Mechanisms of Superconductivity; High Temperature Superconductors (HTSC-M-S)
 Stanford, CA
 J. Higgins, Meeting Planning Associates, 883 Santa Cruz Ave., Menlo Park, CA 94025; (415) 326-7781; fax (415) 326-3945
- 23-29
 American Crystallographic Association Annual Meeting
 Seattle, WA
 American Crystallographic Association, P.O. Box 96, Ellicott Station, Buffalo, NY 14205-0096; (716) 856-9600 ext. 321
- 24
 Short Course on Quality and Reproducibility of Image Analysis Data
 Charlotte, NC
 I. LeMay, Metallurgical Consulting Services, Ltd., P.O. Box 5006, Saskatoon, Saskatchewan, Canada S7K 4E3; (306) 244-4535
- 24-26
 Second International Conference on Vacuum Microelectronics
 Bath, England
 Meetings Officer, Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England, 01-235-6111; fax 01-259-6002
- 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 Nagasuta, Midori-ku, Yokohama 227, Japan
- 24-28
 Cryogenic Engineering Conference and International Cryogenic Materials Conference
 Los Angeles, CA
 D. Hustedt, CEC/ICMC Secretariat, Dept. of Chemical Engineering, BH 5405, Univ. of California, Los Angeles, CA 90024-1592
- 24-28
 Gordon Research Conference on Solid State Ionics
 Meriden, NH
 J. Bates, Solid State Div., Oak Ridge National Lab., P.O. Box 2008, Oak Ridge, TN 37831-6030; (615) 574-6280
- 25-26
 International Conference on Computer-Aided Microscopy and Quality Control
 Charlotte, NC
 J. Braun, EG&G Mound Applied Technologies, Miamisburg, OH 45343-0987; (513) 865-3829

- 30-4
36th International Field Emission Symposium
Oxford, England
Conference Officer - IFES 1989,
Royal Microscopical Society, 37-38
St. Clements, Oxford OX4 1AJ,
United Kingdom; (0865) 248768/
721081; fax (0865) 791237
- 31-1
Space Cryogenics Workshop
Pasadena, CA
P.V. Mason, 183-901, Jet
Propulsion Lab., Pasadena, CA
91109; (818) 354-2300
- 31-3
Sixth International Meeting on
Photoacoustic and Photothermal
Phenomena
Baltimore, MD
J. Murphy, Johns Hopkins Applied
Physics Lab., Johns Hopkins Rd.,
Laurel, MD 20707;
(301) 953-6214
- 31-4
36th International Field Emission
Symposium
Oxford, United Kingdom
Administrator, Royal Microscopi-
cal Society, 37/38 St. Clements,
Oxford, OX4 1AJ, U.K.; 865-
248768
(See related article in
Vol. XIII No. 11.)
- 31-4
Application of X-Ray Analysis
Denver, CO
P.K. Predecki, Dept. of Engineer-
ing, Univ. of Denver, Denver, CO
80208; (303) 871-3570;
fax (303) 871-2623
- AUGUST 1989**
- 2-7
32nd International Union of Pure
and Applied Chemistry Congress
Stockholm, Sweden
IUPAC, c/o Stockholm Convention
Bureau, P.O. Box 6911, S-10239
Stockholm, Sweden; 46 8
230990; fax 46 8 348441
- 6-10
Fifth International Workshop on
Glasses and Ceramics from Gels
Rio de Janeiro, Brazil
M.A. Aegerter, Instituto de Fisica
e Quimica, Universidade de Sao
Paulo, Cx. Postal 369, 13.560-
Sao Carlos (SP), Brazil; (0162)
715755
- 6-11
33rd Annual International
Technical Symposium on Optical
and Optoelectronic Applied
Science and Engineering
San Diego, CA
D. Dowd, SPIE, P.O. Box 10,
Bellingham, WA 98227-0010;
(206) 676-3290
- 6-11
47th Annual Meeting — Electron
Microscopy Society of America
San Antonio, TX
E. Ruffing, Scherago Associates,
1515 Broadway, New York, NY
10036
- 7-9
Second International Conference
on Electrorheological Fluids
Raleigh, NC
A.F. Sprecher, Dept. of Materials
Science & Engineering, North
Carolina State Univ., Box 7907,
Raleigh, NC 27695-7907;
(919) 737-7278
- 13-26
NATO Advanced Study Institute:
High Tc 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
- 20-23
Materials for Biomedical Applica-
tions: AICHE Summer National
Meeting
Philadelphia, PA
R. Korsmeyer, Pfizer Inc., Groton,
CT 06340; (203) 441-3088
- 20-25
ICCG-9: Ninth International
Conference on Crystal Growth
Sendai, Japan
S. Kimura, c/o InterGroup Corp.,
Akasaka Yamakatsu Bldg., 8-5-32
Akasaka, Minato-ku, Tokyo 107,
Japan
- 28-1
Third International Conference on
Surface Modification Technologies
Neuchatel, Switzerland
The Minerals, Metals & Materials
Society, 420 Commonwealth Dr.,
Warrendale, PA 15086;
(412) 776-9050
- 28-1
Seventh World Round Table
Conference on Sintering
Herceg-Novi, Yugoslavia
R.M. Spriggs, Center for
Advanced Ceramic Technology,
Alfred Univ., Alfred, NY 14802;
(607) 871-2486 or D.P. Uskokovic,
Serbian Academy of Science and
Arts, Knez-Mihailova 35, 11000
Beograd, Yugoslavia; 637-239
- 28-1
Third International Conference on
Surface Modification Technologies
Neuchatel, Switzerland
M. Karl, TMS, 420 Common-
wealth Dr., Warrendale, PA 15086;
(412) 776-9050;
fax (412) 776-3770
- 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
Third International Conference on
Energy Pulse and Particle Beam
Modification of Materials
Dresden, E. Germany
E. Richter, EPM '89, Zentralinsti-
tut für Kernforschung Rossen-
dorf, Postfach 19, Dresden,
DDR-8051
- 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, SO1 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
- 5-9
First European Conference on
Accelerators in Applied Research
Technology (ECAART)
Frankfurt am Main, W. Germany
K. Bethge, Institut für Kernphysik,
August- Euler-Str. 6, D-6000
Frankfurt am Main 90; 069-7 98
42 42/44
- 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
- 10-15
198th American Chemical Society
National Meeting
Miami Beach, FL
Meetings Dept., American
Chemical Society, 1155 16th St.
NW, Washington, DC 20036;
(202) 872-4396
- 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
- 17-20
12th Biennial ASME Conference
on Mechanical Vibration and
Noise
Montreal, Canada
T.S. Sankar, Dept. of Mechanical
Engineering, S-B 302, Concordia
Univ., 1455 de Maisonneuve
Bld., Montreal, Quebec, Canada
H3G 1M8; (514) 848-3130/3160
- 17-22
Conference on Productivity and
Technology in the Metallurgical
Industries
Cologne, W. Germany
B. Kamperman, The Minerals,
Metals & Materials Society, 420
Commonwealth Dr., Warrendale,
PA 15086; (412) 776-9050
- 17-22
TMS Fall Meeting: Extractive and
Process Metallurgy
Cologne, W. Germany
The Minerals, Metals & Materials
Society, 420 Commonwealth Dr.,
Warrendale, PA 15086;
(412) 776-9050
- 17-22
International Conference on the
Science and Technology of Defect
Control in Semiconductors,
Yokohama 21st Century Forum
Yokohama, Japan
K. Sumino, Lab. Physics of
Crystal Defects, Institute for
Materials Research, Tohoku Univ.,
2-1-1 Katahira, Sendai 980, Japan
- 18-22
American Society for Precision
Engineering Annual Meeting and
Fifth International Precision
Engineering Seminar
Monterey, CA
G. Swingle, ASPE/IPES5,
Conference Office, P.O. Box 808,
L-292, Livermore, CA 94550;
(415) 422-5447;
fax (415) 423-2419
- 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
- 22-25
Third International Symposium on
Defect Recognition and Image
Processing for Research and
Development of
Semiconductors— DRIP III
Tokyo, Japan
T. Ogawa, Dept. of Physics,
Gakushuin Univ., Mejiro, Tokyo
171, Japan; 03-986-0221, ext.
459; fax 03-590-2602
- 25-27
Industrial Applications of
Advanced Materials
Staffordshire, United Kingdom
J. Robson, Staffordshire Design
and Technology Centre, Keele
Science Park, Univ. of Keele,
Staffordshire ST5 5BG; (0785)
52331, ext. 5310
- 25-29
16th International Symposium on
GaAs and Related Compounds
Kanuzawa, Japan
T. Katoda, Research Center for
Advanced Science and Technol-
ogy, Univ. of Tokyo, 4-6-1
Komaba, Meguro-ku, Tokyo 153,
Japan
- 25-29
11th International Vacuum
Congress (IVC-11) and 7th
International Conference on Solid
Surfaces (CSS-7)
Cologne, W. Germany
D.A. Benninghoven, Physikali-
sches Institut Der Universitat
Munster Wilhelm-Klemm Strasse
10, D-4000, Munster, W. Germany
- 26-28
21st International SAMPE
Technical Conference
Atlantic City, NJ
SAMPE, 843 W. Glentana, P.O.
Box 2459, Covina, CA 91722;
(818) 331-0616

CALENDAR

OCTOBER 1989

- 1-5
Symposium on Simulation and Theory of Evolving Microstructures and Textures, TMS Fall Meeting Indianapolis, IN
M.P. Anderson, Exxon Research and Engineering Co., Rt. 22 East, Annandale, NJ 08801; (201) 730-2756
- 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

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

9-13
GADEST III: Third International Autumn Meeting on Gettering and Defect Engineering in Semiconductor Technology
Castle Garzau, E. Germany
M. Kittler, Institute of Semiconductor Physics, Academy of Sciences of the GDR, POB 409, Frankfurt 1200, E. Germany

8-11
Fourth Workshop on Organometallic Vapor Phase Epitaxy
Monterey, CA
B. Kamperman, The Minerals, Metals & Materials Society, 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770

16-18
International Symposium on the Physical Chemistry of Powdered Metals Production and Processing
St. Mary's, PA
TMS, Meetings Dept., 420 Commonwealth Dr., Warrendale, PA 15086; (412) 776-9050; fax (412) 776-3770

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, SO1 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, Univ. of

California, 2223 Fulton St., Berkeley, CA 94720; (415) 642-4151; fax (415) 643-8683
(See related article in Vol. XIII No. 11.)

23-27
36th National Vacuum Symposium
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, Societe Francais du Vide, 19 rue du Renard, F-75004 Paris, France

NOVEMBER 1989

27-2
MIRIS 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., Univ. of Queensland, St. Lucia, Queensland, 4067, Australia

MARCH 1990

12-16
American Physical Society Meeting
Anaheim, CA
W.W. Havens, Jr., APS, 335 E. 45th St., New York, NY 10017

APRIL 1990

16-20
MIRIS Materials Research Society Spring Meeting
San Francisco, CA
M. Geil, Materials Research Society, 9800 McKnight Rd., Suite 327, 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

CLASSIFIED

Positions Available

FULL-TIME FACULTY POSITION Department of Mechanical Engineering Division of Materials Science and Engineering University of California, Davis

The Division of Materials Science and Engineering in the Department of Mechanical Engineering at the University of California, Davis invites applications for a full-time faculty position. The candidate should have a dedicated interest in teaching and in experimental research directed toward the properties, processing and characterization of electronic, optical, or dielectric materials. Qualifications must include an earned doctorate or equivalent degree in materials science and engineering, or a related field, experience in materials research in the stated area(s) and a commitment to teach at both the undergraduate and graduate levels. The level of appointment will be commensurate with the qualifications of the applicant.

The Division offers BS, MS, and PhD degrees in materials science and engineering and has a strong commitment to teaching and research. At present, five faculty, 30 graduate students, and 95 undergraduates participate in the programs of the Division.

Applications must be received by **April 30, 1989**. Send resume, which should include the names, addresses and phone numbers of five references to:

Materials Science Search Committee
c/o Prof. Harry Brandt
Department of Mechanical Engineering
University of California
Davis, CA 95616

Equal Opportunity/Affirmative Action Employer

PART-TIME FACULTY POSITION Helsinki University of Technology-Finland

Helsinki University of Technology is the oldest and largest university of technology in Finland, having 10,000 students and a teaching and research staff of approximately 1,500 persons. The university is located on a modern campus 10 km west of Helsinki.

The University seeks a candidate for a new part-time professorship in MATERIALS SCIENCE AND ENGINEERING. The salary will be about 80,000 FIM per year, which corresponds to 1/3 of a full professorship. The successful candidate will be expected to spend at least a part of his time each year in Finland in order to initiate and conduct research, supervise postgraduate students and teach postgraduate courses. The contract can be made for a limited time from one to four years. Candidates are sought in all areas of materials science and engineering including preparation and/or processing of metals, electronic materials, polymers, ceramics and composites. Special emphasis will be placed on advanced materials and computer-aided modeling in materials processing. A doctorate in a relevant field and strong background in teaching and/or research are required.

Applicants are encouraged to respond as soon as possible. The position will be filled starting from September 1, 1989. Send a detailed resume with publication list and names of at least two references to Prof. Kaj Liljus, Chairman, Institute of Materials Technology, Helsinki University of Technology, Vuorimiehentie 2 A, 02150 Espoo, Finland; Telephone 3580-4512769, fax 3580-4512660.