

Upcoming: November 3, Joint Annual Meeting of MRS North Carolina Section and the American Vacuum Society Mid-Atlantic Region, in conjunction with the 66th Annual Meeting of the Southeastern Section of the American Physical Society, MRS; November 29–December 3, MRS Fall Meeting, MRS.

To list an event in the Calendar, contact J. Meiksin, Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573; 724-779-3004 ext. 522; fax 724-779-8313.

MRS, A-MRS, C-MRS, E-MRS, MRS-A, MRS-I, MRS-J, MRS-K, MRS-R, MRS-T, M-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. "Endorsed" identifies events endorsed by MRS.

▼ identifies a new or revised entry this month.

See the July 1999 MRS BULLETIN for September 1999 Calendar entries.

OCTOBER 1999

3-6 ▼ ACerS Glass and Optical Materials Division Meeting, *Cleveland, OH*. Customer Service Dept., The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-794-5890; fax 614-899-6109; e-mail customersrvc@acers.org; www.acers.org.

4-7 IEEE Intl. Silicon-on-Insulator Conf., *Rohnert Park, CA*. BACM, 520 Washington Blvd., Ste. 350, Marina del Rey, CA 90292; 310-305-7885; fax 310-305-1038; e-mail bacm@mediaone.net; http://www.drcsdca.com/~soicconf.

4-8 8th European Conf. on Applications of Surface and Interface Analysis, *Sevilla, Spain*. ECASIA99, Dept. Física Aplicada, C-XII, Facultad de Ciencias, Univ. Autónoma de Madrid, Cantoblanco E 28049, Madrid, Spain; fax 34-1-397-3969; e-mail josem.sanz@uam.es; http://www.uam.es/fa/ecasia99.html.

4-8 ▼ Internet Device Builder Conf., *New York, NY*. B. Rutledge, Penton Media, Inc., 611 Rt. 46 West, Hasbrouck Hts., NJ 07604; 888-947-3734; fax 201-393-6297; e-mail brutledge@penton.com; www.iDeviceBuilder.com.

5-8 52nd Annual Gaseous Electronics Conf., *Norfolk, VA*. L. Vuskovic, Dept. of Physics, 4600 Elkhorn Ave., Rm. 306, Old Dominion Univ., Norfolk, VA 23529; 757-683-4611; fax 757-683-3038; e-mail vuskovic@physics.odu.edu.

10-13 18th North American Conf. on Molecular Beam Epitaxy, *Banff, Alberta, Canada*. Z. Wasilewski, Inst. for Microstructural Sciences Natl. Research Council, Ottawa, Ontario K1A 0R6, Canada; 613-990-4457; fax 613-941-4667; zbig.wasilewski@nrc.ca.

10-15 9th Intl. Conf. on Fusion Reactor Materials, *Colorado Springs, CO*. R.H. Jones, ICFRM-9 General Chairperson, Pacific Northwest National Lab., P.O. Box 999, MSIN P8-15, Richland, WA 99352; 509-376-3701; fax 509-376-0418; e-mail bev.wardlow@pnl.gov.

10-15 Intl. Conf. on Silicon Carbide and Related Materials, *Research Triangle Park, NC*. C. Allen, Office of Continuing and Professional Education, North Carolina State Univ., Campus Box 7401, Raleigh, NC 27695-7401; 919-515-8171; fax 919-515-7614; e-mail cindy_allen@ncsu.edu; www.ICSCRM99.ncsu.edu.

11-13 8th Intl. Symposium on Semiconductor Manufacturing, *Santa Clara, CA*. E-mail ISSM@meetingsplus.com; http://www.issm.com.

12-15 ▼ ASNT Fall Conf. and Quality Testing Show, *Phoenix, AZ*. American Society for Nondestructive Testing, 614-274-6003; fax 614-274-6899; e-mail conf@asnt.org.

14-17 Natl. Science Foundation Materials Chemistry Workshop, *Minneapolis, MN*. E.A. Chandross, Bell Labs/Lucent Technologies, Rm. 1D248, 600 Mountain Ave., Murray Hill, NJ 07974; e-mail eachandross@bell-labs.com; http://www.darkwing.uoregon.edu/_ibiggs/workshop.html.

17-19 ▼ 12th Intl. Symposium on Superconductivity, *Morioka, Japan*. M. Yoshida, ISS'99 Secretariat, ISTE, Shinbashi 5-34-3, Minato-ku, Tokyo 105-0004, Japan; fax 81-3-3431-4044; e-mail joschida@istec.or.jp; http://www.sendai.kopas.co.jp/ISTEC.

17-19 Conf. on Fine, Ultrafine, and Nano Powders, *Orlando, FL*. M.N. Rittner, Business Communications Co., Inc.; 847-298-3754; fax 847-298-0524; e-mail mrittner@megsinet.net.

17-22 196th Meeting of The Electrochemical Society and Fall Meeting of The Electrochemical Society of Japan, *Honolulu, HI*. The Electrochemical Society, 10 S. Main St., Pennington, NJ 08534-2896; 609-737-1902; fax 609-737-2743; e-mail ecs@electrochem.org; http://www.electrochem.org.

19-20 SEMICON/Southwest, *Austin, TX*. J. Sullivan, SEMI North America, 805 E. Middlefield Rd., Mountain View, CA 94043-4080; 650-964-5111; fax 650-967-5375; e-mail jsullivan@semi.org; http://www.semi.org.

19-21 Intl. Conf. for Students, Young Specialists, and Engineers—Optics 99, *St. Petersburg, Russia*. V.M. Arpishkin, D.S. Rozhdestvensky Optical Society, 12 Birzhevaya line, St. Petersburg 199034, Russia; phone/fax 7-812-218-1335; e-mail arpish@ros.spb.ru.

21-22 Conf. on Microscale Characterization for Materials Discovery, *Newark, DE*. Engineering Outreach, College of Engineering, Univ. of Delaware, Newark, DE 19716-3101; 302-831-4863; fax 302-831-8179; e-mail outreach@mvs.udel.edu; http://www.udel.edu/engg/DeptsPrgms/EOI.

22-23 1st Intl. Workshop on Dielectric Thin Films for Future ULSI Devices: Science and Technology, *Tokyo, Japan*. K. Shiraiishi; fax 81-462-40-4317; e-mail siraisi@will.brl.nitc.co.jp; http://www.ipc.hitroshima-u.ac.jp/~semicon/IWDTF.

22-23 8th Topical Conf. on Quantitative Surface Analysis, *Puyallup, WA*. C. Powell, Chemistry B-364, NIST, Gaithersburg, MD 20899; 301-975-2534; fax 301-926-6689; e-mail cedric.powell@nist.gov.

24-26 ▼ ASTM Committee E-29 Meeting on Particle and Spray Characterization, *New Orleans, LA*. J. Olshefsky, ASTM, 100 Barr Harbor Dr., West Conshohocken, PA 19428-2959; 610-832-9714; fax 610-832-9635; e-mail jolshefs@astm.org; www.astm.org.

25-27 2nd Intl. Symposium on Adhesion Measurement of Thin Films and Coatings, *Newark, NJ*. R.H. Lacombe, Conf. Chairman, 3 Hammer Dr., Hopewell Junction, NY 12533; 914-227-7026; fax 212-656-1016; e-mail rhlacombe@compuserve.com; http://mstconf.com/adhmeas.htm.

25-29 3rd Intl. Symposium on Control of Semiconductor Interfaces, *Karuzawa, Japan*. T. Katoda, Conf. Secretary, Dept. of Electronic and Photonic System Eng., Kochi Univ. Tech., Tosayamada, Kochi 782-0003, Japan; 81-8875-3-1010; fax 81-8875-7-2120; e-mail katouda@ele.kochi-tech.ac.jp.

25-29 AVS 46th Intl. Symposium, *Boston, MA*. American Vacuum Society, 120 Wall St., 32nd Floor, New York, NY 10005-3993; 212-248-0200; fax 212-248-0245; e-mail avsnyc@vacuum.org; http://www.vacuum.org.

26-28 32nd Intl. Symposium on Microelectronics, *Chicago, IL*. Intl. Microelectronics and Packaging Society, 1850 Centennial Park Dr., Ste. 105, Reston, VA 20191-1517; 703-758-1060; fax 703-758-1066; e-mail imaps@imaps.org; www.imaps.org.

26-30 31st Intl. SAMPE Technical Conf., with the Composite Fabricators Association, *Chicago, IL*. Society for the Advancement of Material and Process Engineering, 1161 Parkview Dr., Covina, CA 91724-3748; 626-331-0616; fax 626-332-8929; e-mail sampeibo@aol.com; www.et.byu.edu/~sampe.

27-29 ▼ ACerS 51st Pacific Coast Regional Meeting and ACerS Basic Science and Electronics Division Meeting, *Bellvue, WA*. Customer Service Dept., The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-794-5890; fax 614-899-6109; e-mail customersrvc@acers.org; www.acers.org.

27-31 31st Intl. SAMPE Technical Conf. on Advanced Materials and Processes, *Chicago, IL*. SAMPE Intl. Business Office, P.O. Box 2459, Covina, CA 91722-8459; 800-562-7360; fax 626-332-8929; e-mail sampeibo@aol.com; http://www.byu.edu/~sampe.

28-29 Intl. Symposium on Adhesion Aspects of Thin Films, *Newark, NJ*. R.H. Lacombe, Conf. Chairman, 3 Hammer Dr., Hopewell Junction, NY 12533; 914-227-7026; fax 212-656-1016; e-mail rhlacombe@compuserve.com; http://mstconf.com/adhfilm.htm.

31-3 14th Annual National Educators' Workshop, *Auburn Hills, MI*. J. Jacobs, School of Technology, Norfolk State Univ., 2401 Corprew Ave., Norfolk, VA 23504; 757-683-8109; fax 757-683-8215; e-mail j.jacobs@vger.nsu.edu; http://coulomb.nsu.edu/new.

31-4 TMS Fall Meeting, *Cincinnati, OH*. TMS, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000; fax 724-776-3770; e-mail csc@tms.org; http://www.tms.org.

NOVEMBER 1999

1-3 3rd North American Conf. on the Science and Technology of Emulsion Polymers/Polymer Colloids, *Hilton Head Island, SC*. Inst. of Materials Science, 75 S. Manheim Blvd., New Paltz, NY 12561; 914-255-0757; fax 914-255-0978; e-mail nainquiry@ims-np.org/narcCol.

1-3 Intl. Conf. on the Science, Technology, and Applications of Sintering, *State College, PA*. R. Cornwell, Materials Research Lab., 277 MRL, Pennsylvania State Univ., University Park, PA 16802; 814-863-8735; fax 814-863-9704; e-mail rgc5@psu.edu; http://www.pmlab.psu.edu/sint99.

1-4 ASM Intl. Materials Solutions Conf., *Cincinnati, OH*. ASM Intl., Materials Park, OH 44703-0002; 440-338-5151; fax 440-338-4634; www.asm-intl.org.

3 ▼ ASTM Committee E-41 Meeting on Laboratory Apparatus, *West Conshohocken, PA*. D. Smith, ASTM, 100 Barr Harbor Dr., West Conshohocken, PA 19428-2959; 610-832-9727; fax 610-832-9635; e-mail dsmith@astm.org; www.astm.org.

3 ▼ Joint Annual Meeting of MRS North Carolina Section and the American Vacuum Society Mid-Atlantic Region, in conjunction with the 66th Annual Meeting of the Southeastern Section of the American Physical Society, *Chapel Hill, NC*. J.M. Lannon, Microelectronics Center of North Carolina, Durham, NC 27709; 919-248-1872; fax 919-248-1455; e-mail lannon@mcnc.org. **MRS.**

3-5 Chemical Process Development Workshop, *Frazier, PA*. Cauldron Process Chemistry, 383 Phoenixville Pike, Malvern, PA 19355; 610-727-2215; fax 610-727-5762.

8-10 3rd ISOPE Ocean Mining Symposium, *Goa, India*. Intl. Society of Offshore and Polar Engineers, P.O. Box 1107, Golden, CO 80402-1107; 303-420-8114; fax 303-420-3760.

8-10 North American Research Conf. Series: Polymer Stabilizers and Modifiers, *Hilton Head Island, SC*. Inst. of Materials Science, P.O. Box 369, New Paltz, NY 12561; 914-255-0757; fax 914-255-0978; e-mail nainquiry@ims-np.org; http://www.ims-np.org/.

14-16 ACerS Refractory Ceramics Division Joint Meeting with the Electronic Furnace Conf. of the Iron and Steel Society, *Pittsburgh, PA*. Customer Service Dept., The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-794-5890; fax 614-899-6109; e-mail customersrv@acers.org; www.acers.org.

14-18 AAPS Annual Meeting, *New Orleans, LA*. American Assoc. of Pharmaceutical Scientists, 1650 King St., Ste. 200, Alexandria, VA 22314-2747; 703-548-3000; fax 703-684-7349; e-mail pr@aaps.org; www.aaps.org.

15-17 Intl. Conf. on Superalloys, *San Antonio, TX*. C. Jones, Gorham/Intertech Consulting, P.O. Box 250, Gorham, ME 04038; 207-892-5445; fax 207-892-2210; e-mail gorham@goradv.com.

15-17 NIST ATP Natl. Meeting, *San Jose, CA*. Natl. Inst. of Standards and Technology, Advanced Technology Program, Gaithersburg, MD 20899-4700; 800-287-3863; www.atp.nist.gov/nationalmeeting.

15-18 2nd Intl. Conf. on Processing Materials for Properties, *San Francisco, CA*. Customer Service Dept., TMS, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000; fax 724-776-3770; e-mail csc@tms.org; http://www.tms.org.

15-18 18th Intl. Congress on Applications of Lasers and Electro-Optics, *San Diego, CA*. Laser Inst. of America, 12424 Research Pkwy., Ste. 125, Orlando, FL 32826; 407-380-1553; fax 407-380-5588; e-mail lia@LaserInstitute.org; www.LaserInstitute.org.

15-18 44th Annual Conf. on Magnetism and Magnetic Materials, *San Jose, CA*. MMM Conf. Coordinators, Courtesy Associates, 2000 L St. NW, Ste. 710, Washington, DC 20036; 202-973-8668; fax 202-973-8722; e-mail magnetism@courtesyassoc.com; http://www.magnetism.org.

15-19 EuroFE '99 on Field Emission Technologies, *Toledo, Spain*. A. Correia, CMP Cientifica; 34-91-640-7187; fax 34-91-640-7186; e-mail antonio@cmp-cientifica.com; http://www.cmp-cientifica.com/EuroFE/.

29-1 Intl. Symposium on Polyimides and Other High Temperature Polymers: Synthesis, Characterization, and Applications, *Newark, NJ*. R.H. Lacombe, Conf. Chairman, 3 Hammer Dr., Hopewell Junction, NY 12533; 914-227-7026; fax 212-656-1016; e-mail rhlacombe@compuserve.com; http://mstconf.com/polyimhd.htm.

29-3 MRS Fall Meeting, *Boston, MA*. Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573; 724-779-3003; fax 724-779-8313; http://www.mrs.org/. **MRS.**

DECEMBER 1999

1-3 2nd Asia/Australia Regional Meeting of Polymer Processing Society, *Bangkok, Thailand*. http://www.pps.mtec.or.th.

1-3 SEMICON Japan 99, *Chiba, Japan*. J. Sullivan, SEMI North America, 805 E. Middlefield Rd., Mountain View, CA 94043-4080; 650-964-5111; fax 650-967-5375; e-mail jsullivan@semi.org; http://www.semi.org.

2-3 7th Intl. Symposium on Metallized Plastics: Fundamental and Applied Aspects, *Newark, NJ*. R.H. Lacombe, Conf. Chairman, 3 Hammer Dr., Hopewell Junction, NY 12533; 914-227-7026; fax 212-656-1016; e-mail rhlacombe@compuserve.com; http://mstconf.com/metalpla.htm.

6-8 IEEE Intl. Electron Devices Meeting, *Washington, DC*. http://ieeep.org/conference/iedm.

6-8 Intl. Conf. on Computational Fluid Dynamics in Minerals and Process Industries, *Melbourne, Australia*. P. Schwarz, CSIRO Minerals, Box 312, Clayton South, Victoria 3169, Australia; 613-9545-8500; fax 613-9562-8919; e-mail cfd@minerals.csiro.au; http://www.minerals.csiro.au.

12-15 2nd Intl. Workshop on Mechanics, Physics, and Reliability of Polymeric Materials for Microelectronic and Photonic Applications, *Paris, France*. B. Bigalke, Meetings and Confs., ASME, 3 Park Ave., New York, NY 10016-5990; 212-705-7057; fax 212-705-7856; e-mail bigalkeb@asme.org.

JANUARY 2000

4-8 SICB Annual Meeting, *Atlanta, GA*. C. Bennett, Business Office, Society for Integrative and Comparative Biology, 401 N. Michigan Ave., Chicago, IL 60611-4267; 312-527-6697; fax 312-527-6705; e-mail christine_bennett@sba.com or sicb@sba.org; http://www.sicb.com.

17-20 Medical Design and Manufacturing West Conf., *Anaheim, CA*. G. Hawley, Canon Communications, 11444 W. Olympic Blvd., Ste. 900, Los Angeles, CA 90064-1549; 310-445-4200; fax 310-996-9499; e-mail gretchen.hawley@cancom.com; http://www.mdmwest.com.

23-28 ACerS 24th Annual Intl. Conf. on Engineering Ceramics and Structures, *Cocoa Beach, FL*. Customer Service Dept., The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-794-5890; fax 614-899-6109; e-mail customersrv@acers.org; www.acers.org.

FEBRUARY 2000

7-9 2000 IEEE Intl. Solid-State Circuits Conf., *San Francisco, CA*. D. Suiters; 202-331-2000; e-mail isscc@courtesyassoc.com.

11-14 OSA Vision Science and Its Applications Topical Meeting, collocated with OSA Laser Applications to Chemical and Environmental Analysis Topical Meeting, *Santa Fe, NM*. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

14-17 Microscopy and Microanalysis of Engineering Materials (MMEM2000), *Melbourne, Victoria, Australia*. Astrid Nordmann, MMEM Conference Secretariat, Centre for Advanced Materials Technology, Monash University, Wellington Road, Clayton, Victoria, 3168, Australia; 61-3-9905-5791; fax 61-3-9904-4998; e-mail mmem@eng.monash.edu.au; http://www.monash.edu.au/eng/microengineering/mmem/.

14-17 OSA Advanced Solid-State Lasers Topical Meeting, *Davos, Switzerland*. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

15-17 SEMICON/Korea, *Seoul, Korea*. SEMI North America, 805 E. Middlefield Rd., Mountain View, CA 94043-4080; 650-964-5111; fax 650-967-5375; e-mail semihq@semi.org; http://www.semi.org.

20-24 TMS Annual Meeting, *Nashville, TN*. Customer Service Dept., TMS, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000; fax 724-776-3770; e-mail csc@tms.org; http://www.tms.org.

20-25 6th Int. Conf. on Materials and Mechanisms of Superconductivity and High Temperature Superconductors, *Houston, TX*. M²S-HTSC-VI Secretariat, Texas Center for Superconductivity, Univ. of Houston, Houston, TX 77204-5932; fax 713-743-8126; e-mail sbutler@uh.edu; http://m2s-conf.uh.edu.

27-3 SPIE 25th Annual Intl. Symposium on Microlithography, *Santa Clara, CA*. SPIE, P.O. Box 10, Bellingham, WA 98227-0010; 360-676-3290; fax 360-647-1445; e-mail spie@spie.org; http://www.spie.org.

28-1 Materials for Advanced Metallizations, *Stresa, Italy*. L. Miglio, Dipartimento di Scienza dei Materiali, Univ. di Milano, "Bicocca" via Cozzi 53, 20125 Milano, Italy; 39-2-6448-5217; fax 39-347-254-8580; e-mail leo.miglio@mater.unimi.it; http://www.infim.it/mam2000.

28-2 Natl. Space and Missile Materials Symposium—Materials, Processes, and Applications: Challenges of Space, *San Diego, CA*. Natl. Space and Missile Materials Symposium, c/o Anteon Corp., 5100 Springfield St., Ste. 509, Dayton, OH 45431-1264; 937-254-7950; http://www.usasymposium.com.

MARCH 2000

1-3 Chemical Process Development Workshop, *Frazer, PA*. Cauldron Process Chemistry, 383 Phoenixville Pike, Malvern, PA 19355; 610-727-2215; fax 610-727-5762.

5-10 Optical Fiber Communication Conf., *Baltimore, MD*. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

6-8 Polymer Stabilizers and Modifiers Conf., *Hilton Head Island, SC*. Inst. of Materials Science, 75 S. Manheim Blvd., New Paltz, NY 12561; 914-255-0757; fax 914-255-0978; e-mail nainquiry@ims-np.org/narcStab.

7-12 Optical Fiber Communication Conf., *Baltimore, MD*. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

12-16 129th TMS Annual Meeting, *Nashville, TN*. TMS, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000; fax 724-776-3770; e-mail wilson@tms.org; http://www.tms.org.

13-16 Semiconductor Pure Water and Chemicals Conf., *Santa Clara, CA*. D. Belanger-Palmer, Conf. Coordinator, SPWCC, c/o Balazs Analytical Lab., 252 Humboldt Ct., Sunnyvale, CA 94089; 408-745-0600; fax 408-734-2276; e-mail spwcc@balazs.com.

15-16 SEMICON/China, *Beijing, China*. SEMI North America, 805 E. Middlefield Rd., Mountain View, CA 94043-4080; 650-964-5111; fax 650-967-5375; e-mail semihq@semi.org; http://www.semi.org.

20-24 APS 2000 March Meeting, *Minneapolis, MN*. Meetings Dept., American Physical Society, One Physics Ellipse, College Park, MD 20740-3844; 301-209-3286; http://www.aps.org.

APRIL 2000

2-7 2nd World Congress on Microwave Processing, *Orlando, FL*. D.E. Clark, Organizing Committee Chair, Dept. of Materials Science and Engineering, 136 MAE, Univ. of Florida, P.O. Box 116400, Gainesville, FL 32611-6400; 352-392-3660; fax 352-846-2033. **Endorsed.**

3-4 Microscopy of Composite Materials V, *Oxford, UK*. Royal Microscopical Society, 37/38 St. Clements, Oxford OX4 1AJ, UK; 44-1865-248768; fax 44-1865-791237; e-mail meetings@rms.org.uk; http://www.rms.org.uk.

3-6 3rd Intl. Conf. on Electromagnetic Processing of Materials, *Nagoya, Japan*. JATIS, Sogo-Kojimachi, No. 3 Bldg., 1-6 Kojimachi, Chiyoda-Ku, Tokyo 102-0083, Japan; 81-3-3239-4804; fax 81-3-3239-4714; e-mail jatisc@msn.com.

9-14 Nanostructured Sensors and Other Gas-Reactive Applications, *Barga, Tuscany, Italy*. United Engineering Foundation Conferences, 3 Park Ave., 27th Floor, New York, NY 10016-5902; 212-591-7836; fax 212-591-7441; e-mail engfnd@aol.com; http://www.engfnd.org.

11-13 Intl. Microscopy Conf., London, UK. Royal Microscopical Society, 37/38 St. Clements, Oxford OX4 1AJ, UK; 44-1865-248768; fax 44-1865-791237; e-mail meetings@rms.org.uk; http://www.rms.org.uk.

16-19 6th Intl. Multi-disciplinary Conf.: Complexity and Fractals in the Sciences, Singapore. http://www.kingston.ac.uk/fractal.

24-28 MRS Spring Meeting, San Francisco, CA. Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573; 724-779-3003; fax 724-779-8313; http://www.mrs.org/. **MRS.**

26-28 Intl. Conf. on High Density and Systems Packaging, Denver, CO. Intl. Microelectronics and Packaging Society, 1850 Centennial Park Dr., Ste. 105, Reston, VA 20191-1517; 888-464-6277; fax 703-758-1066; e-mail imaps@imaps.org; www.imaps.org.

30-3 AAcers 102nd Annual Meeting, St. Louis, MO. Customer Service Dept., The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-794-5890; fax 614-899-6109; e-mail customersrv@acers.org; www.acers.org.

MAY 2000

7-12 Conf. on Lasers and Electro-Optics, and Quantum Electronics and Laser Science Conf., San Francisco, CA. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

14-19 197th Meeting of The Electrochemical Society, Toronto, Ontario, Canada. The Electrochemical Society, 10 S. Main St., Pennington, NJ 08534-2896; 609-737-1902; fax 609-737-2743; e-mail ecs@electrochem.org; http://www.electrochem.org/meetings/.

15-20 6th World Biomaterials Congress, Kamuela (Big Island), HI. Society for Biomaterials, 13355 10th Ave. N., Ste. 108, Minneapolis, MN 55441; 612-927-8108; fax 612-927-8127; e-mail biomaterials.org; http://www.biomaterials.org.

21-26 Conf. on Processing of Fibers and Composites (Polymeric, Metallic, and Ceramic), Castelvecchio, Barga, Italy. United Engineering Foundation, Engineering Foundation Conferences, 3 Park Ave., 27th Floor, New York, NY 10016-5902; 212-591-7836; fax 212-591-7441; e-mail engfnd@aol.com; http://www.engfnd.org.

22-24 6th Intl. Conf. on Computer Aided Assessment and Control: Damage and Fracture Mechanics, Montreal, Canada. S. Walsh, Conf. Secretariat, Wessex Inst. of Technology, Ashurst Lodge, Ashurst, Southampton SO40 7AA, UK; 44-1703-293-223; fax 44-1703-292-853; e-mail siwalsh@wessex.ac.uk; http://www.wessex.ac.uk/.

22-27 26th Congress on Chemical Engineering, Environmental Protection, and Biotechnology, Frankfurt am Main, Germany. DECHEMA Deutsche Gesellschaft für Chemisches Apparatewesen, Chemische Technik und Biotechnologie e.V., Th. Scheuring, Germany; 49-69-7564-230; fax 49-69-7564-298; http://www.dechema.de.

28-2 10th Intl. Offshore and Polar Engineering Conf., Seattle, WA. Intl. Society of Offshore and Polar Engineers, P.O. Box 1107, Golden, CO 80402-1107; 303-420-8114; fax 303-420-3760.

28-2 Intl. Conf. on Transport Processes in Inorganic Materials: Fundamentals to Devices, Venice, Italy. CIMTEC, P.O. Box 174, 48018 Faenza, Italy; 39-546-22461; fax 39-546-664138.

29-2 Centrifugal Materials Processing IV—4th Intl. Workshop on Materials Processing at High Gravity, Potsdam, NY. L.L. Regel; Clarkson Univ., Potsdam, NY 13699-5814; 315-268-7672; fax 315-268-3833; e-mail regel@clarkson.edu; http://www.clarkson.edu/_regel/workshop.htm.

30-3 Intl. Conf. on Powder Metallurgy and Particulate Materials, New York, NY. T. Stillman, Metal Powder Industries Federation, 105 College Rd. East, Princeton, NJ 08540-6692; 609-452-7700; fax 609-987-8523; e-mail stillman@mpif.org; www.mpif.org.

JUNE 2000

18-23 OSA Diffractive Optics and Micro-Optics Topical Meeting, collocated with OSA Optical Fabrication and Testing Topical Meeting, Quebec City, Canada. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

26-2 Seminar on Defect Structures Evolution in Condensed Matter, Barnaul, Russia. EDS 2000, General Physics Dept., Altai State Technical Univ., 46 Lenin St., Barnaul, Russia 656099; 007-3852-368-0522; fax 007-3852-260-516; e-mail asba@ab.ru (mailto:asba@ab.ru); http://www.dcn-asu.ru/structure/cdo/index.ru.html.

JULY 2000

3-7 Intl. Conf. on Semiconducting and Insulating Materials, Canberra, Australia. C. Jagadish, Australian Natl. Univ., Research School of Physical Sciences and Engineering, Canberra, ACT 0200, Australia; 61-2-6249-0363; fax 61-2-6249-0511; e-mail simc2000@anu.edu.au; http://rsphysse.anu.edu.au/admin.simc2000/.

10-12 OSA Optical Amplifiers and Their Applications Topical Meeting, Quebec City, Canada. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

10-13 The Plutonium Futures—The Science Conf., Santa Fe, NM. A. Liesse, Plutonium Futures—The Science, Los Alamos Natl. Lab., Nuclear Materials Technology Div., P.O. Box 1663; M.S. E500, Los Alamos, NM 87545; 505-665-5981; fax 505-667-7966; e-mail puconf2000@lanl.gov; http://www.lanl.gov/pu2000.html.

13-15 OSA Integrated Photonics Research Topical Meeting, Quebec City, Canada. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

16-20 5th Intl. Conf. on Structural and Functional Intermetallics, Vancouver, British Columbia, TMS, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000; fax 724-776-3770; e-mail csc@tms.org; http://www.tms.org.

17-21 5th Intl. Conf. on Diffusion in Materials, Paris, France. DIMAT 2000, DECMI/SRMP, Bat. 520, CEA/SACLAY, 91191 Gif-sur-Yvette Cedex, France; e-mail dimat2000@cea.fr; www.dimat2000.cea.fr.

24-28 18th Intl. Liquid Crystal Conf., Sendai, Japan. T. Uchida, Executive Chair ILCC 2000, Dept. of Electronics, Graduate School of Engineering, Tohoku Univ., 05 Aza-aoba, Aramaki, Aoba-ku, Sendai 980-8579, Japan; 81-22-217-7117; fax 81-22-263-9404; e-mail ilcc2000@ecei.tohoku.ac.jp; http://wwwsoc.nacsis.ac.jp/ilcc/ILCC2000.

30-4 SPIE Annual Meeting, San Diego, CA. SPIE, P.O. Box 10, Bellingham, WA 98227-0010; 360-676-3290; fax 360-647-1445; e-mail spie@spie.org; http://www.spie.org.

AUGUST 2000

6-11 7th International Symposium on Polymer Electrolytes (ISPE7), Noosa, Queensland, Australia. Astrid Nordmann, ISPE7 Conference Secretariat, Centre for Advanced Materials Technology, Monash University, Wellington Road, Clayton, Victoria, 3168, Australia; 61-3-9905-5791; fax 61-3-9904-4998; e-mail ispe7@eng.monash.edu.au; http://www.chem.monash.edu.au/electrolytes/ispe7/.

6-11 16th IUPAC Conf. on Chemical Thermodynamics, concurrent with 55th Calorimetry Conf. and 10th Symposium on Thermodynamics of Nuclear Materials, Halifax, Nova Scotia, Canada. M.A. White, Dept. of Chemistry, Dalhousie Univ., Halifax, Nova Scotia B3H 4J3, Canada; phone and fax 902-494-3894; e-mail icct@is.dal.ca; http://is.dal.ca/_ICCT.

13-16 Nonlinear Optics Topical Meeting, Maui, HI. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

16-20 12th Intl. Conf. on Textures of Materials, Montreal, Canada. N. Procyshyn, Dept. of Mining and Metallurgical Engineering, McGill Univ., 3450 University St., Montreal, Quebec, H3A 2A7, Canada; 514-398-4383; fax 514-398-7099; e-mail norma@minmet.lan.mcgill.ca; http://www.icotom12.ica.ca.

20-23 Intl. Symposium on Ecomaterials, Ottawa, Canada. H. Mostaghaci, Advanced Materials Group, Industry Canada, 235 Queen St., Ottawa, ON K1A 0H5, Canada; 613-954-5012; fax 613-952-4209; e-mail mostaghaci.hamid@ic.gc.ca.

22-26 Ab initio (from Electronic Structure) Calculations of Complex Processes in Materials, Schwaebisch Gmünd, Germany. e-mail psik-coord@daresbury.ac.uk.

SEPTEMBER 2000

3-8 Congress of Histochemistry and Cytochemistry, York, UK. Royal Microscopical Society, 37/38 St. Clements, Oxford OX4 1AJ, UK; 44-1865-248768; fax 44-1865-791237; e-mail meetings@rms.org.uk; http://www.rms.org.uk.

10-14 AAcers Functionally Graded Materials Conf., Estes Park, CO. Customer Service Dept., The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-794-5890; fax 614-899-6109; e-mail customersrv@acers.org; www.acers.org.

10-15 Conf. on Lasers and Electro-Optics/Europe, and Intl. Quantum Electronics Conf., Nice, France. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

17-21 9th Intl. Symposium on Superalloys, Champion, PA. TMS, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000; fax 724-776-3770; e-mail csc@tms.org; http://www.tms.org.

17-22 13th Intl. Conf. on Ion Implantation Technology, Tyrol, Austria. IIT 2000, c/o IIS-B, Schottkystrasse 10, 91058 Erlangen, Germany; 49-9131-761-100; fax 49-9131-761-102; e-mail iit2000@iis-b.fhg.de; http://www.mfa.fki.hu/IIT2000.

24-27 AAcers Manufacturing Workshop, Louisville, KY. Customer Service Dept., The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-794-5890; fax 614-899-6109; e-mail customersrv@acers.org; www.acers.org.

OCTOBER 2000

1-4 AAcers Glass and Optical Materials Division Fall Meeting, Corning, NY. Customer Service Dept., The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-794-5890; fax 614-899-6109; e-mail customersrv@acers.org; www.acers.org.

2-6 AVS 47th Intl. Symposium, Boston, MA. American Vacuum Society, 120 Wall St., 32nd Floor, New York, NY 10005-3993; 212-248-0200; fax 212-248-0245; e-mail avsnyc@vacuum.org; http://www.vacuum.org.

8-11 AAcers Electronics Division Fall Meeting, Clemson, SC. Customer Service Dept., The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-794-5890; fax 614-899-6109; e-mail customersrv@acers.org; www.acers.org.

8-12 TMS Fall Meeting, St. Louis, MO. TMS, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000; fax 724-776-3770; e-mail csc@tms.org; http://www.tms.org.

11-13 14th Intl. Conf. on Optical Fiber Sensors, Venice, Italy. A. Grazia Mignani, IROE-CNR, Optics and Photonics Dept., Via Panciattichi 64, I-50127 Firenze, Italy; 39-55-4235-262; fax 39-55-4379-569; e-mail mignani@iroe.fi.cnr.it.

CALENDAR

20-28 OSA Annual Meeting, Providence, RI. Optical Society of America, Conf. Services Dept., 2010 Massachusetts Ave., N.W., Washington, DC 20036-1023; 202-416-1980; fax 202-416-6100; e-mail confserv@osa.org; http://www.osa.org/mtg-conf.

22-27 198th Meeting of The Electrochemical Society, Phoenix, AZ. The Electrochemical Society, 10 S. Main St., Pennington, NJ 08534-2896; 609-737-1902; fax 609-737-2743; e-mail ecs@electrochem.org; http://www.electrochem.org/meetings/.

NOVEMBER 2000

13-14 ASTM Symposium on Marine Corrosion in Tropical Environments, Merida, Yucatan, Mexico. V. Chaker, Port Authority of NY-NJ, One World Trade Ctr., 74W, New York, NY 10048; 212-435-5790; fax 215-435-8040.

27-1 MRS Fall Meeting, Boston, MA. Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573; 724-779-3003; fax 724-779-8313; http://www.mrs.org/. MRS. □

JOINT MEETING ANNOUNCEMENT

North Carolina Section of the Materials Research Society
Mid-Atlantic Region of the American Vacuum Society
Southeastern Section of the American Physical Society
November 8, 1999, Chapel Hill, North Carolina

Meeting Overview:

The annual Fall meetings of the North Carolina Section of the Materials Research Society and the Mid-Atlantic Region of the American Vacuum Society will be held at the Sheraton Hotel in Chapel Hill, NC. This combined meeting is being organized jointly with the 66th Annual Meeting of the Southeastern Section of the American Physical Society (SESAPS), which will be held November 7-9, 1999.

The Program will feature **Growth, Processing and Characterization of Wide Bandgap Materials and Smart Materials Processing.**

For more information, contact: Dr. John M. Lannon, MCNC, Durham, NC 27709; 919-248-1872; fax 919-248-1455; lannon@mcnc.org or Dr. John J. Boland, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-3290; 919-962-5098; fax 919-962-2388; boland@unc.edu.

CLASSIFIED

Positions Available

ASSISTANT PROFESSOR Materials Science and Engineering

The Department of Materials Science and Engineering at the University of Delaware is continuing to expand and invites applications for a junior faculty position in Electronic and Magnetic Materials, Polymers, Inorganic Materials, Materials Chemistry or Biomaterials/Biomimetics. The current opening is a tenure track faculty position at the Assistant Professor level. **REQUIREMENTS:** Ph.D. degree in Materials Science or related field, qualified to teach undergraduate and graduate courses in Materials Science and willing to develop a world-class research program which includes collaborations with existing materials-based groups within the university and in local industry. It is anticipated that the candidate would be an effective communicator and enjoy teaching and mentoring students. Demonstrated independence in the choice of research areas as evidenced by quality publications and the submission of a clear research plan is an important part of the evaluation process. **CONTACT:** Send a resume, a description of proposed research and three letters of recommendation to **John F. Rabolt, Chair, Faculty Search Committee, Department of Materials Science and Engineering, Spencer Laboratory - Room 301, University of Delaware, Newark, DE 19716.** The search committee will begin the review and processing of applications on October 15, 1999 and will continue to accept applications until the position is filled.

The UNIVERSITY OF DELAWARE is an Equal Opportunity Employer which encourages applications from
Minority Group
Members and
Women.



**TO PLACE YOUR AD
CONTACT MARY E. KAUFOLD
TODAY!**

**724-779-8312
kaufold@mrs.org**

SENIOR SCIENTIST (Vacuum Thin Films)

**Pacific Northwest National Laboratory
Operated by Battelle for the U.S. Department of Energy**

The Pacific Northwest National Laboratory (PNNL) in Richland, Washington, has an immediate need for a senior scientist within the Polymer Multilayer Technologies Group. The candidate must have a national/international reputation in the field of thin film coatings and deposition and have demonstrated large-scale process and program development. Strong publication and presentation record, marketing skills, and project management experience are required. Demonstrated ability to assemble and supervise multidisciplinary teams to develop innovative research and novel technology applications. Experience in flat panel display manufacturing and multilayer coatings on flexible substrates desirable. This position will provide technical oversight on technical projects in the Polymer Multilayer Group regarding all phases of roll coating projects from process design through product development and applications. Will provide team leadership in client interactions, marketing new research, project reviews and other external presentations, and project management. Will direct efforts to develop new roll coating processes for increasing market demand. Will direct efforts to characterize thin film optical and polymer coatings for various projects and will design new coatings.

A PhD degree in physics, chemistry, or materials science, and at least ten years experience in vacuum roll coating, PVD, plasma polymerization, and CVD technology are required. Extensive knowledge of polymer chemistry, multilayer optical materials, and polymeric thin film materials is essential.

Interested persons are encouraged to apply electronically via our external website at <http://www.pnl.gov/hrpublic>, referencing requisition #33800.

PNNL is an Equal Opportunity/Affirmative Action Employer and supports diversity in the workplace. Women, minorities, the disabled and Vietnam-era veterans are encouraged to apply.

FACULTY OPENING School of Chemical Engineering Cornell University

Cornell University invites applications for a tenure-track position in the School of Chemical Engineering. Appointment at any rank is possible depending on the candidate's experience and achievements. The successful candidate should be capable of developing an outstanding research program. Research related to all aspects of materials will be considered, but special emphasis will be placed on polymers and electronic materials.

Applications should include a current CV, a statement of research interests, copies of key publications, and the names of at least three references. Submit applications to Faculty Search Committee, School of Chemical Engineering, 120 Olin Hall, Cornell University, Ithaca, NY 14853.

The College of Engineering is an equal opportunity, affirmative action employer committed to employing a highly qualified, diverse faculty. Women and minorities are encouraged to apply.