

## Upcoming: February 15–19 Conf. on Nanoscale Devices and System Integration (NAPMRC), Endorsed; March 31–April 4 4th Intl. Conf. on High Temperature Capillarity, Endorsed.

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; bulletin@mrs.org.

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▼ identifies a new or revised entry this month.

See the November 2003 MRS BULLETIN for January 2004 Calendar entries.

### FEBRUARY 2004

**15–19** ▼ Conf. on Nanoscale Devices and System Integration (NAPMRC), *Miami, FL*. Dmitri Litvinov, Engineering Building 1, University of Houston, Houston, TX, 77204; 713-743-4168; fax 713-743-4444; e-mail dlitvinov@uh.edu; www.nanointernational.org. **Endorsed.**

**22–27** 29th Annual Intl. Symp. on Microlithography, *Santa Clara, CA*. Marilyn Bennett, Texas Instruments Inc., e-mail spie@spie.org; www.spie.org/info/ml.

**22–27** Dynamics of Disordered Materials on the Nanometer Scale, *Hanoi, Vietnam*. David Price, CNRS-CRMHT, Orleans, France; www.engconfintl.org/4ah.html.

**25–27** SIAM Conf. on Parallel Processing for Scientific Computing, *San Francisco, CA*. Society for Industrial and Applied Mathematics, 3600 Univ. City Science Center, Philadelphia, PA, 19104-2688; 215-382-9800; e-mail meetings@siam.org; www.siam.org/meetings/pp04.

### MARCH 2004

**1–2** 12th Intl. Activated Carbon Conf., *Mexico City, Mexico*. Henry Nowicki, PACS Testing and Consulting, 724-457-6576; fax 724-457-1214; e-mail Hnpacs@aol.com; www.pacs-labs.com.

**1–4** AVS 5th Int. Conf. on Microelectronics and Interfaces, *Santa Clara, CA*. American Vacuum Society, 120 Wall Street, 32nd Floor, New York, NY, 10005; 212-248-0200; fax 212-248-0245; e-mail avsnyc@avs.org; www.avs.org/conferences/icmi/proceedings/default.asp.

**7–10** Materials for Advanced Metallization, *Leuven, Belgium*. G. Beyer, IMEC, Kapeldreef 75, Leuven, Belgium; fax 32-16-281-214; e-mail MAM2004@imec.be; www.imec.be/kiosk/MAM2004.

**7–11** ▼ Nanotech (2004), *Boston, MA*. Matthew Laudon, Nano Science and Technology Institute, One Kendall Square, PMB 308, Cambridge, MA, 02139; 508-357-2925; fax 508-251-1665; e-mail mlaudon@nsti.org; www.nanotech2004.com.

**7–12** 2004 Pittsburgh Conf. on Analytical Chemistry and Applied Spectroscopy (PITTCON 2004), *Chicago, IL*. Pittcon, 412-825-3220; fax 412-825-3224; e-mail program@pittcon.org; www.pittcon.org.

**14–18** TMS Annual Meeting, *Charlotte, NC*. Programming Dept., The Minerals, Metals & Materials Society, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000; fax 724-776-3770; e-mail raabe@tms.org; www.tms.org.

**18–19** European Coatings Conferences: Polyurethanes for High Performance Coatings III, *Berlin, Germany*. Amanda Beyer, Vincentz Network, Schiffgraben 43, D-30175 Hannover, Germany; 49-511-99-10-271; fax 49-511-99-10-279; e-mail amanda.beyer@coatings.de; www.coatings.de.

**22–26** American Physical Society (APS) March 2004 Meeting, *Montreal, Canada*. Donna Baudrau, 301-209-3286; e-mail baudrau@aps.org; www.aps.org/meet/calendar.html.

**25–27** European Thermoforming Conf., *Viareggio, Italy*. Yetty Pauwels, Society of Plastics Engineers, Bistkapellei 44, Antwerp, Belgium; 32-3-541-77-55; fax 32-3-541-84-25; e-mail spe.europe@pi.be; www.4spe.org/semconf/conferences/0403eurothermo.htm.

**28–30** 2nd Advanced Technology Workshop on Military, Aerospace, Space and Homeland Security: Packaging and Applications, *Baltimore, MD*. Greg Caswell, Silicon Hills Design, Inc., 512-836-1088; e-mail greg@siliconhills.com; www.imaps.org/military.

**31–4** 4th Intl. Conf. on High Temperature Capillarity, *Sanremo-Genoa, Italy*. Conf. Secretariat IENI-CNR, via de Marini, 6, 16149, Genoa, Italy; fax 39 010 6575 700; e-mail htc4@ge.ieni.cnr.it; www.ieni.cnr.it/conferences.htm. **Endorsed.**

### APRIL 2004

**5–9** ▼ The Future of Materials Science and Engineering Education, *Kona, HI*. Paul Parisi, F. ASCE, e-mail pappe28@aol.com; www.engconfintl.org/4ap/html.

**12–16** MRS Spring Meeting/ICEM 2004, *San Francisco, CA*. Materials Research Society, 506 Keystone Dr., Warrendale, PA 15086-7573; 724-779-3003; fax 724-779-8313; e-mail info@mrs.org; www.mrs.org. **MRS/IUMRS.**

**18–21** 106th ACerS Meeting, *Indianapolis, IN*. The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-890-4700; fax 614-899-6109; e-mail info@acers.org; www.acers.org.

**18–21** ▼ Optical Data Storage 2004, *Monterey, CA*. Optical Data Storage, www.spie.org/Conferences/Calls/04/ods/submitAbstract.

**24–29** 47th Annual Society of Vacuum Coaters Technical Conf., *Dallas, TX*. Carl Lampert, Star Science, 8730 Water Rd., Cotati, CA, 94931-4252; 707-794-0323; fax 707-794-0333; e-mail cmlstar@juno.com; www.svc.org.

**25–30** SPIE Intl. Conf. on High-Power Laser Ablation, *Taos, NM*. Claude Phipps, Photonic Associates, Santa Fe, NM, www.spie.org.

**26–28** MEMS IV—4th Annual ASME MEMS Technology Seminar, *Los Angeles, CA*. Jennifer Burns, ASME International, 3 Park Avenue, 2351, New York, NY, 10016; 212-591-7423; fax 212-591-7143; e-mail burns@asme.org; www.asme.org/education/techsemin/mems.

**26–30** Photonics Europe: Showcasing the Age of Light, *Strasbourg, France*. Society of Photo-Optical Instrumentation Engineers, P.O. Box 10, Bellingham, WA, 98227-0010; 360-676-3290; fax 360-647-1445; e-mail spie@spie.org; www.spie.org/info/europe.

**27–28** ▼ 2004 Conf. on Ceramic Interconnect Technology, *Denver, CO*. Samuel Horowitz, DuPont Electronic and Communications Technology, e-mail samuel.j.horowitz@usa.dupont.com; www.imaps.org/ceramics.

### MAY 2004

**1–4** American Physical Society (APS) April 2004 Meeting, *Denver, CO*. Donna Baudrau, 301-209-3286; e-mail baudrau@aps.org; www.aps.org/meet/calendar.html.

**9–14** 205th Meeting of the Electrochemical Society, *San Antonio, TX*. The Electrochemical Society, 65 S. Main St., Bldg. D, Pennington, NJ 08534-2839; 609-737-1902; fax 609-737-2743; e-mail ecs@electrochem.org; www.electrochem.org/meetings/meetings.htm.

**9–14** ▼ Advanced Short-Time Thermal Processing for Si-Based CMOS Devices II, *San Antonio, TX*. Fred Roozeboom, Philips Research Labs, WA14, Prof. Holstlaan 4, Eindhoven, The Netherlands, 31-40-2742767; fax 31-40-2743352; e-mail Fred.Roozeboom@philips.com; www.electrochem.org/meetings/future/205/meeting.html.

**10–13** ▼ Quantum Dots Conf. 2004, *Banff, Alberta, Canada*. Sylvain Raymond, Inst. for Microstructural Science, 1200 Montreal Rd., Bldg M-23A, Ottawa, ON, Canada K1A 0R6; 613-990-9742; fax 613-952-8701; e-mail sylvain.raymond@nrc.ca; www.qd2004.com.

**16–19** Magneto-Optical Recording Intl. Symposium (MORIS 2004), *Yokohama, Japan*. MORIS 2004 Secretariat, Proactive Convention Co., Ltd., Eiko Bldg.2F, 93 Edomachi, Chuo-ku, Kobe 650-0033, Japan; 81-78-334-6661; fax 81-78-334-6662; e-mail moris2004@pac.ne.jp; www.pac.ne.jp/moris2004.

**Endorsed.**

**16–20** SAMPE 2004/Long Beach, *Long Beach, CA*. Doris Weaver, 626-331-0616 x 603; e-mail techprogram@sampe.org.

**16–21** 7th World Biomaterials Congress, *Sydney, Australia*. Biomaterials Congress Managers, GPO Box 128, Sydney NSW 2001, Australia; 61-2-9262-2277; fax 61-2-9262-3135; e-mail biomaterials@tourhosts.com.au; www.tourhosts.com.au/biomaterials.

**18–20** IMAPS Int. High-Temperature Electronics Conf., *Santa Fe, NM*. Jackki Morris-Joyner, IMAPS, 305-382-8433; e-mail jmorris@imaps.org; www.imaps.org.

**23–28** Critical Materials Issues in Wide Bandgap Semiconductors, *Davos, Switzerland*. Subash Mahajan, Arizona State University, Technology, e-mail www.engconfintl.org/4ad.html.

**24–28** E-MRS Spring Meeting, *Strasbourg, France*. European Materials Research Society, 23 rue du Loess, B.P. 20, 67037 Strasbourg Cedex 02, France; 33-3-88-10-6372; 33-3-88-10-6293; e-mail emrs@phase.c-strasbourg.fr; www-emrs.c-strasbourg.fr. **E-MRS.**

**26–28** Second SPIE Intl. Symp. on Fluctuations and Noise, *Maspalomas, Spain*. Laszlo Kish, Texas A&M University, www.spie.org.

**30–4** 3rd Intl. Conf. on Computational Modeling and Simulation of Materials, *Acireale, Italy*. Technagroup, P.O. Box 174, Faenza, Italy; +0546-22461; fax +0546-664138; e-mail info@technagroup.it; www.technagroup.it/modeling.htm.

**30–4** 12th Int. Conf. on Metal-Organic Vapor Phase Epitaxy, *Lahaina, HI*. TMS Meetings Services, 184 Thorn Hill Road, Warrendale, PA, 15086; 724-776-9000; fax 724-776-3770; e-mail mtgserv@tms.org; www.tms.org.

### JUNE 2004

**7–8** European Coatings Conferences: Smart Coatings III, *Berlin, Germany*. Amanda Beyer, Vincentz Network, Schiffgraben 43, D-30175 Hannover, Germany; 49-511-99-10-271; fax 49-511-99-10-279; e-mail amanda.beyer@coatings.de; www.coatings.de.

**7–11** ▼ Great Lakes Photonics Symp., *Cleveland, OH*. Pam Myers, 937-254-7950 ext. 1135; e-mail pmyers@anteon.com; www.usasymposium.com/glps.

**13–17** 2004 Intl. Conf. on Powder Metallurgy & Particulate Materials, *Chicago, IL*. MPIF, 105 College Road East, Princeton, NJ, 08540; 609-452-7700; fax 609-987-8523; e-mail info@mpif.org; www.mpiif.org.

**20–24** 7th Int. Conf. on Nanostructured Materials (NANO 2004), *Wiesbaden, Germany*. Barbara Feibt, Theodor-Heuss-Allee 25, 60486 Frankfurt am Main, Germany, 49-69-7564-333; fax 49-69-7564-441; e-mail nano@nano2004.org; www.nano2004.org.

**21–25** ▼ 2004 Natl. Space & Missile Materials Symp. (NSMMMS), *Seattle, WA*. Dan Cleyrat, 937-656-6482; e-mail daniel.cleyrat@wpafb.af.mil; www.usasymposium.com.

## JULY 2004

**11-15** 9th Intl. Conf. on the Structure of Non-Crystalline Materials, *Corning and Alfred, NY*. A.N. Cormack, New York State College of Ceramics at Alfred Univ., 2 Pine St., Alfred, NY 14802; 607-871-2980; e-mail [cormack@alfred.edu](mailto:cormack@alfred.edu); [nyscc.alfred.edu/NCM9](http://nyscc.alfred.edu/NCM9).

**19-23** Intl. Workshop on Nitride Semiconductors, *IWN04, Pittsburgh, PA*. Materials Research Society, Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573; 724-779-3003; fax 724-779-8313; e-mail [info@mrs.org](mailto:info@mrs.org); [www.mrs.org](http://www.mrs.org). **MRS.**

**21-23** Third Int. Workshop on the Physics and Applications of Spin-Related Phenomena in Semiconductors, *Santa Barbara, CA*. D. Awschalom, University of California, Santa Barbara, CA, 93106-9530; 805-893-2121; e-mail [awsch@physics.ucsb.edu](mailto:awsch@physics.ucsb.edu).

**21-25** Int. Conf. on Superlattices, Nanostructures & Nanodevices (ICSNN-04), *Cancun, Mexico*. P. Pereyra, Universidad Autonoma Metro., Av. S. Pablo, 180, Col. Reynosa, Mexico D.F., Mexico; (52-55) 5318-9359; fax (52-55) 5318-9540.

**22-25** European Conf. on Organized Films (ECOF 2004), *Valladolid, Spain*. E-mail [souto@fmc.uva.es](mailto:souto@fmc.uva.es).

**26-30** Int. Conf. on the Physics of Semiconductors, *Flagstaff, AZ*. Stefan Zollner, Motorola, Inc., 2100 E. Elliot Rd., Tempe, AZ, 85284; 480-413-2817; fax 480-413-2680; [www.icps2004.org](http://www.icps2004.org). **Endorsed.**

## AUGUST 2004

**1-6** Gordon Research Conf. on High-Temperature Materials, Processes and Diagnostics, *Waterville, ME*. Klaus Hilpert, Research Center Jülich, Jülich, Germany, 49-2461-61-3280; fax 49-2461-61-3699; e-mail [k.hilpert@fz-juelich.de](mailto:k.hilpert@fz-juelich.de). **Endorsed.**

**2-5** 11th Int. Conf. on High Magnetic Fields in Semiconductor, *Berkeley, CA*. P. Yu, University of California, Berkeley, CA, 94720; 510-642-8087; fax 510-643-8497; e-mail [pyyu@lbl.gov](mailto:pyyu@lbl.gov).

**2-6** 16th Int. Conf. on High Magnetic Fields in Semiconductor Physics, *Tallahassee, FL*. Y.-J. Wang, 850-644-1496; fax 850-644-0534; e-mail [wang@magnet.fsu.edu](mailto:wang@magnet.fsu.edu); [www.semimag16.magnet.fsu.edu](http://www.semimag16.magnet.fsu.edu).

**22-25** COM2004: The Conf. of Metallurgists, *Hamilton, ON*. Ken Coley, McMaster Steel Research Centre, Hamilton, ON, L8S 4L7; 905-525-9140; fax 905-526-8404; e-mail [coleyk@mcmaster.ca](mailto:coleyk@mcmaster.ca); [www.metsoc.org](http://www.metsoc.org).

**23-27** 3rd Intl. Conf. on HWCVD (Cat-CVD) Process, *Utrecht, Netherlands*. Ruud Schropp, Utrecht University, Debye Inst, Princetonplein 5, Utrecht, The Netherlands; 31-30-253-3170; fax 31-30-254-3165; e-mail [R.E.I.Schropp@phys.uu.nl](mailto:R.E.I.Schropp@phys.uu.nl); [www.hwcvd.nl](http://www.hwcvd.nl).

**23-27** 9th Int. Conf. on Ferrites, *San Francisco, CA*. Alex Goldman, Ferrite Technology Worldwide, 4625 Fifth Ave. #305, Pittsburgh, PA, 15213; e-mail [ferritetec@aol.com](mailto:ferritetec@aol.com); [www.ceramics.org/meetings/ferrites/default.asp](http://www.ceramics.org/meetings/ferrites/default.asp).

**23-27** 2004 IEEE Intl. Ultrasonics, Ferroelectrics, and Frequency Control 50th Anniversary Joint Conf., *Montreal, Canada*. R. Michael Garvey, Symmetricom, 34 Tozer Road, Beverly, MA; 01915-5510; 978-232-1417; fax 978-927-4099; e-mail [rmgarvey@symmetricom.com](mailto:rmgarvey@symmetricom.com); [www.ieee-uffc.org](http://www.ieee-uffc.org).

## SEPTEMBER 2004

**1-2** ▼ RP Asia 2004—Promoting the Growth of Composites in Asia, *Bangkok, Thailand*. Nick Williams, 44-1743-241-289; fax 44-870-138-9539; [www.rpasia.com](http://www.rpasia.com).

**5-10** Intl. Conf. of Polycrystalline Semiconductors—POLYSE 2004, *Potsdam, Germany*. Norbert Nickel, Hahn-Meitner-Institut Berlin, Kekulestr. 5, Berlin, Germany; 49-30-67053-301; fax 49-30-67053-333; e-mail [nickel@hmi.de](mailto:nickel@hmi.de).

**5-10** Joint European Magnetic Symposia - JEMS 2004, *Dresden, Germany*. Anke Kirchner, IFW Dresden, P.O. Box 27 00 16, Dresden, Germany, 49-351-465-9405; fax 45-351-465-9541; e-mail [jems04@ifw-dresden.de](mailto:jems04@ifw-dresden.de); [www.ifw-dresden.de/imw/jems04](http://www.ifw-dresden.de/imw/jems04).

**12-16** 5th Intl. Conf. on High Temperature Ceramic Matrix Composites, *Seattle, WA*. The American Ceramic Society, P.O. Box 6136, Westerville, OH 43086-6136; 614-890-4700; fax 614-899-6109; e-mail [info@acers.org](mailto:info@acers.org); [www.acers.org](http://www.acers.org).

**13-17** Nano & Giga Challenges in Microelectronics (NGCM 2004), *St. Petersburg, Russian Federation*. Anatoli Korkin, 480-539-4754; e-mail [korkin@nanoandgiga.com](mailto:korkin@nanoandgiga.com); [www.asdn.net/ngcm2004](http://www.asdn.net/ngcm2004).

**13-17** Ninth Int. Conf. on Plasma Surface Engineering, *Garmisch-Partenkirchen, Germany*. Karin Reichel, VDI-Technology Center, Graf-Recke-Str. 84, D-40239, Duesseldorf, Germany; 49-211-6214-640; fax 49211-6214-575-484; e-mail [akplasma@vdi.de](mailto:akplasma@vdi.de); [www.akplasma.org/pse2004.php3](http://www.akplasma.org/pse2004.php3).

**19-23** ▼ 2nd Intl. Conf. on Environment-Induced Cracking of Metals (EICM-2), *Banff, Alberta, Canada*. Sergei Shipilov, Banff, AB, 403-220-4149; fax 403-282-8406; e-mail [shipilov@enme.ucalgary.ca](mailto:shipilov@enme.ucalgary.ca); [www.enme.ucalgary.ca/EICM-2](http://www.enme.ucalgary.ca/EICM-2).

**19-23** 10th Intl. Symp. on Superalloys, *Champion, PA*. TMS Meeting Services, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000; fax 724-776-3770; e-mail [mtgserv@tms.org](mailto:mtgserv@tms.org); [www.tms.org/Meetings/Specialty/Superalloys2004/SuperalloysHome.html](http://www.tms.org/Meetings/Specialty/Superalloys2004/SuperalloysHome.html).

**21-24** Intl. Conf. on Semi Solid Processing of Alloys and Composites, *S2P 2004, Limassol, Cyprus*. Carol Garofoli, Worcester Polytechnic Institut, 100 Institute Road, Worcester, MA, 01609-2280; 1-508-831-5592; fax 1-508-831-5993; e-mail [s2p@wpi.edu](mailto:s2p@wpi.edu); [www.wpi.edu/News/Conf/S2P](http://www.wpi.edu/News/Conf/S2P).

## OCTOBER 2004

**3-8** 206th Meeting of the Electrochemical Society, *Honolulu, HI*. The Electrochemical Society, 65 S. Main St., Bldg. D, Pennington, NJ 08534-2839; 609-737-1902; fax 609-737-2743; e-mail [ecs@electrochem.org](mailto:ecs@electrochem.org); [www.electrochem.org/meetings/meetings.htm](http://www.electrochem.org/meetings/meetings.htm).

**17-24** PM2004 Powder Metallurgy World Congress and Exhibition, *Vienna, Austria*. EPMA, Old Bank Buildings, Bellstone, Shrewsbury, United Kingdom, 44-1743-248899; fax 44-0-1743-362968; e-mail [fh@epma.com](mailto:fh@epma.com); [www.epma.com/pm\\_2004/technical\\_program.htm](http://www.epma.com/pm_2004/technical_program.htm).

## NOVEMBER 2004

**14-16** 37th IMAPS Annual Symposium on Microelectronics, *Long Beach, CA*. IMAPS, 611 2nd St., N.E., Washington, DC 20002; 202-548-4001; fax 202-548-6115; [www.imaps.org](http://www.imaps.org).

**15-19** 51st AVS Intl. Symposium, *Anaheim, CA*. American Vacuum Society, 120 Wall St., 32nd Floor, New York, NY 10005; 212-248-0200; fax 212-248-0245; e-mail [avsnyc@avs.org](mailto:avsnyc@avs.org); [www.avs.org](http://www.avs.org).

**29-3** **MRS Fall Meeting, Boston, MA**. Materials Research Society, 506 Keystone Dr., Warrendale, PA 15086-7573; 724-779-3003; fax 724-779-8313; e-mail [info@mrs.org](mailto:info@mrs.org); [www.mrs.org](http://www.mrs.org). **MRS.**

## DECEMBER 2004

**6-8** Intl. Symp. on Advanced Materials and Processing, *Kharagpur, India*. A.K. Banthia, Indian Institute of Technology, Kharagpur, India, 91-3222-282274; e-mail [akb@matssc.iitkgp.ernet.in](mailto:akb@matssc.iitkgp.ernet.in); [www.iitkgp.ernet.in/departments/home.php?deptcode=MS](http://www.iitkgp.ernet.in/departments/home.php?deptcode=MS). □