

CALENDAR

Upcoming: October 10–13 SBPMat: The Brazilian Society for Materials Research, IUMRS; October 19–21 Advanced Metallization Conf. (AMC) 2004, 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.

MRS, A-MRS, B-MRS, C-MRS, E-MRS, MRS-A, MRS-I, MRS-J, MRS-K, MRS-R, MRS-S, 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 2004 MRS BULLETIN for September 2004 Calendar entries. For updates, access www.mrs.org/meetings/other/.

OCTOBER 2004

3–5 11th Intl. Workshop on Oxide Electronics (WOE11), Kanagawa, Japan. WOE11, woe11.msl.titech.ac.jp.

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; www.electrochem.org/meetings/meetings.htm.

3–8 Applied Superconductivity Conf. (ASC/04), Jacksonville, FL. ASC 2004, Centennial Conferences, 901 Front St., Ste. 130, Louisville, CO 80027; fax 303-499-2599; asc04@centennialconferences.com; www.ascinc.org.

4–7 ▼ ICALAO 2004—Intl. Congress on Applications of Lasers & Electro-Optics, San Francisco, CA. Beth Cohen, Laser Institute, 407-380-1553; e-mail bcohen@laserinstitute.org; www.icalao.org.

6–8 7th Intl. and Interdisciplinary Symp. of the Working Group on "Biomaterials and Tissue Compatibility," Essen, Germany. Universität Duisburg-Essen, Alfons Fischer, Werkstofftechnik II, Lotharstr. 1, 47057 Duisburg, Germany; 49-203-379-4373; fax 49-203-379-4374; e-mail wtechii@uni-duisburg.de.

7–8 14th Intl. Activated Carbon Conf., Pittsburgh, PA. Henry Nowicki, 409 Meade Dr., Coraopolis, PA 15108, 800-367-2587, fax 724-457-1214, e-mail hnpacs@aol.com; members.aol.com/hnpacs/conferences/IACC14.htm

10–13 41st Annual Technical Meeting of the Society of Engineering Science: Symp. on Micro- and Nanoscale Laser Materials Processing, Lincoln, NE. Yongfeng Lu, e-mail ylu2@unl.edu; www.nuengr.unl.edu/ses2004/symposia/mnmc.html.

10–13 ▼ SBPMat—The Brazilian Society for Materials Research, Foz do Iguaçu, Brazil. SBPMAT, Brazil, e-mail sbpmat@sbpmat.org.br; www.sbpamat.org.br. IUMRS/B-MRS.

10–14 Frontiers in Optics 2004, Rochester, NY. Robert Boyd, University of Rochester, Rochester, NY, www.frontiersinoptics.org.

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; www.epma.com/pm_2004/technical_program.htm.

18–21 2004 IEEE Integrated Reliability Workshop (IRW 2004), S. Lake Tahoe, CA. IRW 2004, 315-339-3968; e-mail becky@sar101.com; www.irps.org/irw.

18–21 Materials Solutions 2004 Conf. and Exhibition, Columbus, OH. ASM Customer Service, 9639 Kinsman Road, Materials Park, OH, 44073-0002; 440-338-5151 or 800-336-5152 x5900; fax 440-338-4634; e-mail Cust-srv@asminternational.org; www.asminternational.org/materialssolutions.

19–21 Advanced Metallization Conf. (AMC) 2004, San Diego, CA. Jenny Blackdeer, Univ. of California, Berkeley, 1995 University Ave., Berkeley, CA, 94720-7010; 510-642-4151; fax 510-642-6027; e-mail jlb@unex.berkeley.edu. Endorsed.

20–21 European Micro and Nano Systems, Paris, France. ASME Nanosystems, e-mail nano@asme.org; www.asme.org/events/nano-europe.

20–22 Light Emitting Diodes, San Diego, CA. Patricia Kinzer, Intertech Corporation, 207-781-9604; fax 207-781-2150; e-mail pkinzer@intertechusa.com; www.intertechusa.com/Division_Electronics/10-04_LEDs/2a_introduction.html.

24–27 Nanomaterials 2004, Stamford, CT. Sharon Faust, 203-853-4266 x304; e-mail conference@bccresearch.com; www.bccresearch.com/nano2004.

25–28 SPIE European Symp. on Optics/Photonics in Security & Defence, London, United Kingdom. SPIE, SPIE Meetings, P.O. Box 10, Bellingham, WA, 98227-0010; 360-676-3290; fax 360-647-1445; e-mail spie@spie.org; spie.org/conferences/calls/04/eud.

25–28 ▼ Optics East 2004—Symp. on Semiconductor and Nano Technologies and Applications, Philadelphia, PA. SPIE, SPIE Meetings, P.O. Box 10, Bellingham, WA, 98227-0010; 360-676-3290; fax 360-647-1445; e-mail spie@spie.org; www.spie.org/Conferences/Calls/04/oe/conferences/index.cfm.

NOVEMBER 2004

7–11 2004 AAPS Annual Meeting and Exposition, Baltimore, MD. AAPS, www.aapspharmaceutical.com/annualmeet/am04/index.asp.

7–12 4th World Congress on Microwave and Radio Frequency Applications, Austin, TX. E-mail info1@microwave-rf.org; www.microwave-rf.org/4WC.htm. Endorsed.

7–12 Glass and Optical Materials Division Fall Meeting co-located with the Intl. Symp. on Non-Oxide Glasses, Cocoa Beach, FL. John Ballato, Clemson University, 864-646-4852; e-mail john.ballato@ces.clemson.edu; www.ceramics.org/meetings/glass2004/default.asp

8–12 NanoSikkim II: Friction and Biotribology, Sikkim, India. Indian Institute of Sciences, M. Bobji, Bangalore 560 012, India, 91-80-2293-3233; fax 91-80-2360-0648; e-mail nanosikkim@mecheng.iisc.ernet.in; www.nanotribology.org/nanosikkimii/Sikkim2004.html.

8–12 SPIE Fourth Intl. Asia-Pacific Environmental Remote Sensing Symp., Honolulu, HI. SPIE, SPIE Meetings, P.O. Box 10, Bellingham, WA, 98227-0010; 360-676-3290; fax 360-647-1445; e-mail spie@spie.org; spie.org/conferences/calls/04/ae.

14–16 37th IMAPS Annual Symp. on Microelectronics, Long Beach, CA. IMAPS, 611 2nd St., N.E., Washington, DC 20002; 202-548-4001; fax 202-548-6115; www.imaps.org/IMAPS2004.

14–19 AVS 51st Intl. Symp. and Exhibition, Anaheim, CA. University of Washington, David Castner, Seattle, WA, 98195; e-mail dave_castner@avs.org; www.avs.org.

15–16 ▼ Medical Polymers, Dublin, Ireland. RAPRA Technology, RAPRA Conference Department, Shawbury, Shrewsbury, Shropshi, SY4 4NR, United Kingdom, 44-1939-250383; fax 44-1939-251118; e-mail conferences@rapra.net; www.polymerconferences.com.

15–18 36th Intl. SAMPE Technical Conf., San Diego, CA. DeWayne Howell, CompositeTek, Boulder, CO, 303-530-2919; fax 303-530-9437; e-mail dhowell@compositetek.com; www.sampe.org.

15–19 ASNT Fall Conf. & Quality Testing Show 2004, Las Vegas, NV. Kelly Wise, 614-274-6003; fax 614-274-6899; e-mail kwise@asnt.org; www.asnt.org/events/conferences/fc04/prospectus.pdf.

16–18 Intl. Conf. in Asia (IUMRS-ICA 2004), Hsinchu, Taiwan. Grace Lee or Jong-Pyng Chen, Materials Research Laboratories, ITRI, e-mail ica2004@itri.org.tw; http://www.ica2004.org.tw. IUMRS/MRS-T.

24–26 1st Intl. Symp. on Shape Memory and Related Technologies (SMART 2004), Singapore. Yong Liu, Nanyang Technological Univ., Nanyang Ave., Singapore; 65-6790-4951; e-mail mliuy@ntu.edu.sg; www.ntu.edu.sg/home/mliuy/SMART2004.htm.

24–26 3rd Intl. Conf. on Materials Processing for Properties and Performance (MP3)/Intl. Conf. on Nanostructures and Nanotechnology (N2), Singapore. K. Khor, Nanyang Technological Univ., 50 Nanyang Ave., Singapore, 65-6-791-1859; fax 65-6-790-5526; e-mail mkakhor@ntu.edu.sg; www.materials.org.sg.

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; www.mrs.org. MRS.

DECEMBER 2004

2 SPE Rapid Design, Engineering, and Moldmaking Conf.: Reduce Time to Market, Frankfurt, Germany. Yette 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/conferences.htm.

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; www.iitkgp.ernet.in/departments/home.php?deptcode=MS.

9–11 ▼ IEEE Semiconductor Interface Specialists Conf., San Diego, CA. Karen Kuiper, 6446 Tucker Avenue, McLean, VA, 22101; 703-660-0913; e-mail kkuiper@mindspring.com; www.ieeesisc.com.

JANUARY 2005

10–14 IUVESTA Workshop on One-Dimensional Nanomaterials, Taipei, Taiwan. R. Chu-Chen, 886-2-33665202; fax 886-2-23655404; e-mail iuvsta@ms.ntu-ccms.ntu.edu.tw.

22–27 Photonics West 2005, San Jose, CA. SPIE, SPIE Meetings, P.O. Box 10, Bellingham, WA, 98227-0010; 360-676-3290; fax 360-647-1445; e-mail spie@spie.org; spie.org/Conferences/calls/05/pw.

FEBRUARY 2005

6–11 Second Intl. Conf. on Advanced Materials and Nanotechnology (AMN-2), Queenstown, New Zealand. Conference Secretariat, University of Canterbury, Private Bag 4800, Christchurch, New Zealand; 64-3-364-2534; fax 64-4-364-2324; e-mail amn2@cont.canterbury.ac.nz; www.madriarmid.ac.nz/amn-2.

MARCH 2005

6–9 Materials for Advanced Metallization 2005 (MAM2005), Dresden, Germany. MAM2005, 49-371-531-3130; e-mail info@mam-conference.org; www.mam-conference.org.

6–10 ▼ SPIE—Smart Structures and Materials & Nondestructive Evaluation for Health Monitoring and Diagnostics, San Diego, CA. SPIE, SPIE Meetings, P.O. Box 10, Bellingham, WA, 98227-0010; 360-676-3290; fax 360-647-1445; e-mail spie@spie.org; spie.org/events/ssnde.

14–18 ASNT Spring Conf. and 14th Annual Research Symp., Albuquerque, NM. Kelly Thomas, American Society for Nondestructive Testing, P.O. Box 28518, 1711 Arlington Ln, Columbus, OH 43228-0518, 800-222-2768 x227; fax 614-274-6899; kthomas@asnt.org; http://www.asnt.org.

21-25 2005 American Physical Society March Meeting, *Los Angeles, CA*. Terri Gaier, APS, fax 301-209-0866; e-mail gaier@aps.org; <http://www.aps.org/meet/MAR05>.

28-1 **MRS Spring Meeting**, *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**.

APRIL 2005

4-5 OPTO-Ireland 2005, *Dublin, Ireland*. SPIE, SPIE Meetings, P.O. Box 10, Bellingham, WA, 98227-0010; 360-676-3290; fax 360-647-1445; e-mail spie@spie.org; spie.org/conferences/calls/05/ire.

4-8 **2005 Intl. Magnetics Conf. (INTERMAG2005)**, *Nagoya, Japan*. Intermag 2005 Secretariat, c/o Convention Linkage, Inc., Akasaka-Nihon Bldg., 9-5-24, Akasaka, Minato-ku, Tokyo 107-0052, Japan; 81-3-5770-5531; fax 81-3-5770-5532; e-mail info@intermag2005.jp; www.intermag2005.jp. **Endorsed**.

11-13 ▼ The Intl. Conf. on Ceramic Interconnect and Ceramic Microsystems Technology, *Westerville, OH*. Ann Bell, IMAPS, 202-548-8717; e-mail abell@imaps.org; www.ceramics.org.

11-14 **Fourteenth Intl. Conf. on Microscopy of Semiconducting Materials**, *Oxford, United Kingdom*. Univ. of Sheffield, Tony Cullis, Sheffield, United Kingdom, 44-114-222-5407; fax 44-114-272-6391; e-mail a.g.cullis@sheffield.ac.uk; www.rms.org.uk. **Endorsed**.

24-28 15th Intl. Conf. on Wear of Materials, *San Diego, CA*. Gill Heaton, Secretariat, Hillside Cottages, Wheatley Road, Islip, Oxford OX5 2TF, UK; 44-0-1865-373625; fax 44-0-1865-375855; e-mail wom-conference@elsevier.com; www.wom-conference.elsevier.com.

MAY 2005

29-3 2nd Intl. Conf. on Electrophoretic Deposition: Fundamentals and Applications, *Barga, Italy*. Impe. C. of Sci, Tech. & Med., A Boccaccini, London, United Kingdom, 44-207-5946731; fax 44-207-5843194; e-mail a.boccaccini@imperial.ac.uk; www.engconfintl.org/5ad.html.

JUNE 2005

26-29 17th University Conf. on Glass Science, *University Park, PA*. Carlo Pantano.

JULY 2005

3-8 **Intl. Conf. on Materials for Advanced Technologies (ICMAT 2005) and IUMRS-ICAM 2005**, *Singapore*. Mat Research Soc (Singapore), ICMAT Secretariat, 3 Research Link, Singapore, 65-6874-1975; fax 65-6777-2393; e-mail icmat@mrs.org.sg; www.mrs.org.sg/meeting_future.html. **IUMRS/MRS-S**.

4-8 Lucerne Fuel Cell Forum 2005, *Lucerne, Switzerland*. EFCF, Morgenacherstrasse 2F, P.O. Box 99, Oberrohrdorf, Switzerland, 41-56-496-7292; fax 41-56-496-441; e-mail forum@efcf.com.

10-15 **16th Intl. Conf. on Electronic Properties of Two-Dimensional Systems (EP2DS-16)**, *Albuquerque, NM*. Jerry Simmons, 505-844-8402; e-mail jsimmon@sandia.gov. **Endorsed**.

17-22 Intl. Conf. on Solid State Ionics (SSI-15), *Baden-Baden, Germany*. Ellen Ivers-Tiffée, c/o Universität Karlsruhe, Kaiserstr. 12, D-76131 Karlsruhe, Germany; 49-721-608-7491; fax 49-721-608-7492; e-mail info@ssi-15.net; www.ssi-15.net.

19-23 5th Intl. Conf. on Intelligent Processing and Manufacturing of Materials, *Monterey, CA*. IPMM 05, www.mining.ubc.ca/ipmm.

AUGUST 2005

28-2 6th Intl. Conf. on Nitride Semiconductors (ICNS-6), *Bremen, Germany*. Sven Einfeldt, University of Bremen, P.O. Box 330440, Bremen, Germany; 49-421-218-7453; fax 49-421-218-4581; e-mail icns6@ifp.uni-bremen.de; www.ifp.uni-bremen.de/icns6.

OCTOBER 2005

2-6 3rd Fracture and Flow in Advanced Glasses Conf., *University Park, PA*. Carlo Pantano.

17-21 ASNT Fall Conf. and Quality Testing Show 2005, *Columbus, OH*. Kelly Thomas, American Society for Nondestructive Testing, P.O. Box 28518, 1711 Arlington Ln, Columbus, OH 43228-0518; 800-222-2768 x227; fax 614-274-6899; kthomas@asnt.org; <http://www.asnt.org>.

NOVEMBER 2005

22-25 Ninth NCB Intl. Seminar on Cement, *New Delhi, India*. NCCBM, Ninth NCB, 34 Km Stone, Delhi Mathura Road (NH2), Ballabgarh 121 004, Haryana, India, 91-129-2242051-56; fax 91-129-2242100, 2246175; e-mail nccbm@giasd101.vsnl.net.in.

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

DECEMBER 2005

5-7 2nd Intl. Conf. on Advances in Production and Processing of Aluminum (APPA 2005), *Bahrain*. Conf. Secretariat (APPA 2005), Univ. of Bahrain, P.O. Box 32038, Bahrain, 973-17876114; fax 973-17876655; e-mail appa2005@eng.uob.bh; www.uob.edu.bh/colleges/engineering/conf/index.htm. □



MRS Bulletin—
29 years dedicated to the international materials research community

MRS BULLETIN

Over the past 29 years, *MRS Bulletin* has become one of the most widely recognized and highly respected publications in advanced materials research. Published monthly, it offers technical overview articles and focuses on news and trends in materials research education, policy and industry. Subscribe now. Topical overviews for 2004 include: applications of nanostructured ceramics; new developments in colloidal science; advances in carbon nanotubes; building materials from conservation to innovation; molecular transport electronics; and more.

All print subscriptions to *MRS Bulletin* now include FREE online Web access—full text from March 2000 to the current issue. Issues are posted on the 10th of each month, along with additional theme-related online resources.

ISSN: 0883-7694 • Coden: MRSBEA

2004 SUBSCRIPTION RATES

\$200 USA \$255 Non-US (air freight)

2005 SUBSCRIPTION RATES

\$215 USA \$270 Non-US (air freight)

NOTE: *MRS Bulletin* is FREE to all MRS members.

MRS Materials Research Society

506 Keystone Drive, Warrendale, PA 15086-7573 USA
Tel 724-779-3003 • Fax 724-779-8313
info@mrs.org • www.mrs.org/publications/

MRS Future Meetings

2004 FALL MEETING

Nov. 29-Dec. 3
Exhibit: Nov. 30-Dec. 2
Boston, MA

2005 SPRING MEETING

March 28-April 1
Exhibit: March 29-31
San Francisco, CA

Meeting Chairs:

Shefford P. Baker
Cornell University
shefford.baker@cornell.edu

Bethanie J. Hills Stadler
University of Minnesota
stadler@ece.umn.edu

Julia W. P. Hsu
Sandia National
Laboratories
jwhsu@sandia.gov

Richard A. Vaia
Air Force
Research Laboratory
richard.vaia@wpafb.af.mil

Meeting Chairs:

Joanna Aizenberg
Bell Labs
Lucent Technologies
jaizenberg@lucent.com

Oliver Kraft
University of Karlsruhe
Germany
oliver.kraft@imf.fzk.de

Neville R. Moody
Sandia National
Laboratories
nrmooody@sandia.gov

Ramamoorthy Ramesh
University of California,
Berkeley
ramesh@uclink.berkeley.edu