

CALENDAR

Upcoming Meetings:

April 4–7, **17th Intl. Conf. on Microscopy of Semiconducting Materials, Endorsed**
 April 25–29, **2011 MRS Spring Meeting, MRS**
 May 9–13, **E-MRS 2011 Spring Meeting/IUMRS ICAM 2011; E-MRS/MRS Bilateral Conf on Energy, E-MRS, IUMRS, MRS**
 June 26–1, **7th Intl. Dendrimer Symp., Managed by MRS**
 June 27–1, **3DMR, Endorsed**
 July 4–7, **MC10, Endorsed**

To list an event in the Calendar, contact Robin Nazaruk, Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573; 724-779-2756; fax 724-779-8313; MeetingsCalendar@mrs.org.

See the January 2011 MRS BULLETIN for March 2011 Calendar entries. For updates, access www.mrs.org.

▼ identifies a new or revised entry this month.
 “Endorsed” identifies events endorsed by MRS.

Meetings sponsored by the International Union of Materials Research Societies (IUMRS) or its adhering bodies are denoted by the following acronyms.

A-MRS	Australian Materials Research Society
Africa-MRS	African Materials Research Society
B-MRS	Brazil Materials Research Society
C-MRS	Chinese Material Research Society
E-MRS	European Materials Research Society
MRS	Materials Research Society
MRS-AR	Materials Research Society of Argentina
MRS-I	Materials Research Society of India
MRS-J	Materials Research Society of Japan
MRS-Korea	Materials Research Society of Korea
MRS-R	Materials Research Society of Russia
MRS-S	Materials Research Society of Singapore
MRS-T	Materials Research Society of Taiwan
SMM	Sociedad Materiales de Mexico

For more information on IUMRS, see www.iumrs.org.

APRIL 2011

4–5 ▼ Sample Prep 2011, *San Diego, CA*. Sample Prep 2011 Program Committee; 617-232-7400, ext. 211; SUBMIT@knowledgefoundation.com; www.knowledgefoundation.com/viewevents.php?event_id=252&act=evt.

4–7 **17th Intl. Conf. on Microscopy of Semiconducting Materials**, *Cambridge, UK*. Claire Garland, Institute of Physics, 76 Portland Pl., London, W1B 1NT, UK; 44-20-7470-4800; fax 44-20-7637-4266; claire.garland@iop.org; www.msm2011.org. **Endorsed**.

5–6 NanoManufacturing Conf. and Exhibits, *Oakbrook Terrace, IL*. Society of Manufacturing Engineers; 800-733-4763; service@sme.org; www.sme.org/nanomanufacturing.

5–7 ▼ 7th Intl. Conf. and Exhibition on Ceramic Interconnect and Ceramic Microsystems Technologies (CICMT 2011), *San Diego, CA*. Jackki Morris-Joyner; 305-382-8433; jmorris@imaps.org; www.imaps.org/ceramics.

7–8 ▼ 3rd Intl. Materials Education Symp., *Cambridge, UK*. www.grantade.sign.com/symposium/cambridge.

9–13 Experimental Biology, *Washington, DC*. FASEB, 9650 Rockville Pike, Bethesda, MD 20814; <http://experimentalbiology.org/content/exhibits.aspx>.

13–14 European Symp. on Biomaterials and Related Areas (EURO BioMat 2011), *Jena, Germany*. Anja Mangold, Deutsche Gesellschaft für Materialkunde e.V., Senckenberganlage 10, Frankfurt, 60325, Germany; 49-69-75306-747; fax 49-69-75306-733; biomat@dgm.de; www.dgm.de/dgm/biomat.

13–16 Society For Biomaterials 2011 Annual Meeting and Exposition, *Orlando, FL*. Society For Biomaterials; 856-439-0826; info@biomaterials.org; <http://2011.biomaterials.org>.

16–21 2011 Society of Vacuum Coaters (SVC) Technical Conf., *Chicago, IL*. SVC, 71 Pinon Hill Pl. NE, Albuquerque, NM 87122-1914; 505-856-7188; fax 505-856-6716; svcinfo@svc.org; www.svc.org.

18–19 12th Annual IEEE Wireless and Microwave Technology (WAMI) Conf., *Clearwater, FL*. www.wamicon.org.

25–29 **2011 MRS Spring Meeting**, *San Francisco, CA*. Materials Research Society, 506 Keystone Dr., Warrendale, PA 15086, USA; 724-779-3003; fax 724-779-8313; info@mrs.org; www.mrs.org. **MRS**.

26–29 ▼ 11th United Nations Educational, Scientific, and Cultural Organization/The Intl. Union of Applied Chemistry (UNESCO/IUPAC) Workshop and Conf. on Functional Polymeric Materials and Composites, *Stellenbosch, South Africa*. Harald Pasch, University of Stellenbosch, Private Bag X1, Matieland, 7602, South Africa; 27-21-12-808-3173; hpasch@sun.ac.za; <http://academic.sun.ac.za/UNESCO/Conferences/Conference2011/index.htm>.

30–3 ▼ American Physical Society (APS) April Meeting 2011, *Anaheim, CA*. abs-help@aps.org; www.aps.org/meetings/april/index.cfm.

MAY 2011

1–6 219th Electrochemical Society (ECS) Meeting, *Montreal, Canada*. The Electrochemical Society, 65 South Main St., Bldg. D, Pennington, NJ 08534-2839; 609-737-1902; fax 609-737-2743; ecs@electrochem.org; www.electrochem.org/meetings/biannual/219/219.htm.

1–6 CLEO: 2011, *Baltimore, MD*. OSA Customer Service; 202-416-1907; custserv@osa.org; www.cleoconference.org.

2–5 ▼ Intl. Symp. on Olfaction and Electronic Nose, *New York, NY*. Engineering Conf. Intl., 32 Broadway, Ste. 314, New York, NY 10004; 212-514-6760; fax 212-514-6030; info@engconfintl.org; www.engconfintl.org/11as.html.

2–6 International Conference on Metallurgical Coatings and Thin Films (ICMCTF 2011), *San Diego, CA*. Mary Gray; 703-266-3287; icmctf@mindspring.com; www.avs.org/conferences/ICMCTF.

5–6 ▼ Plasma Etch and Strip in Microelectronics 4th Intl. Workshop (PESM 2011), *Mechelen, Belgium*. Denis Shamiryani, IMEC, Kapeldreef 75, Leuven, B-3001, Belgium; 32-16-28-80-29; fax 32-16-28-12-14; Denis.Shamiryani@imec.be; www.pesm2011.be.

9–13 **E-MRS 2011 Spring Meeting/IUMRS ICAM 2011**, including **E-MRS/MRS Bilateral Conf. on Energy**, *Nice, France*. European Materials Research Society; 33-3-88-10-63-72; fax 33-3-88-10-62-93; emrs@emrs-strasbourg.com; www.emrs-strasbourg.com/ICAM2011. **E-MRS, IUMRS, MRS**.

12–15 Advances in Applied Physics and Materials Science Congress, *Antalya, Turkey*. Secretariat; 90-262-605-1309; info@apmas2011.org; www.apmas2011.org.

15–18 The ConFab, *Las Vegas, NV*. Jo-Ann Pellegrini; 650-946-3169; joannp@pennwell.com; www.theconfab.com.

18–19 ▼ 2011 Spring Symp. “Sustainability of Materials,” *Schenectady, NY*. Raul Rebak, GE Global Research; 518-387-4311; rebak@ge.com; www.asmeasternny.org/spring-symposium.html.

18–20 ▼ METAL 2011, *Brno, Czech Republic*. Katerina Sanetnikova; 420-595-227-121; info@metal2011.com; www.metal2011.com.

20–25 XXVI Congress of the Intl. Society for the Advancement of Cytometry, *Baltimore, MD*. Roya Jaseb, 9650 Rockville Pike, Bethesda, MD 20814; 301-634-7017; fax 301-634-7014; isac@faseb.org; www.isac-net.org.

22–26 Compound Semiconductor Week, *Berlin, Germany*. Oksana Bondarenko, LayTec GmbH, Seesener Str. 10-13, Berlin, 10709, Germany; 49-0-30-39-800-80-33; fax 49-0-30-39-800-80-80; bondarenko@laytec.de; <http://conference.vde.com/csw2011/Pages/Homepage.aspx>.

22–27 ▼ 11th Intl. Conf. on Frontiers of Polymers and Advanced Materials (ICFPAM), *Pretoria, South Africa*. Walter W. Focke, University of Pretoria, Dept. of Chemical Engineering, Menlo Park, Pretoria, 0102, South Africa; 27-21-12-420-3728; fax 27-21-12-420-2516; walter.focke@up.ac.za; www.icfpam.co.za.

22–27 Society for Information Display (SID) 2011, *Los Angeles, CA*. 1475 S. Bascom Ave., Ste. 114, Campbell, CA 95008; 408-879-3901; fax 408-879-3833; office@sid.org; www.sid.org.

23–26 Advanced Aerospace Materials and Processes Conf. and Exposition (AeroMat) 2011, *Long Beach, CA*. ASM Intl., Member Service Center, 9639 Kinsman Rd., Materials Park, OH 44073-0002, USA; 800-336-5152; fax 440-338-4634; customerservice@asminternational.org; www.asminternational.org/content/Events/aeromat.

28–2 ▼ 2011 Annual Meeting of the American Crystallographic Association, *New Orleans, LA*. American Crystallographic Association, PO Box 96, Ellicott Sta., Buffalo, NY 14205-0096; 716-898-8690; fax 716-898-8695; aca@hwi.buffalo.edu; www.amerocrystalassn.org.

29–31 2nd Intl. Symp. Frontiers in Polymer Science, *Lyon, France*. customer-service-polymer11@elsevier.com, www.frontiersinpolymer-science.com.

29–3 ▼ Syntactic and Composite Foams III, *Cetraro (Calabria), Italy*. Engineering Conf. Intl., 32 Broadway, Ste. 314, New York, NY 10004; 212-514-6760; fax 212-514-6030; info@engconfintl.org; www.engconfintl.org/11af.html.

JUNE 2011

5–9 16th Intl. Conf. on Solid-State Sensors, Actuators and Microsystems (Transducers '11), *Beijing, China*. China Intl. Conf. Center for Science and Tech, Rm. 60742, Unit 7, Suyuan Apt., Beijing Friendship Hotel No.1, Zhongguanchuan Nandajie, Beijing, 100873, China; fax 86-10-62174126; info@transducers11-beijing.org; http://transducers11-beijing.org.

5–10 22nd North American Catalysis Society Meeting (NAM), *Detroit, MI*. 22ndNAM@gmail.com; http://22nam.org.

6–10 ▼ 7th Intl. Symp. on Molecular Mobility and Order in Polymer Systems, *St. Petersburg, Russia*. A.A. Darinskii, Russian Academy of Sciences, Bolshoi Pr. 31, St. Petersburg, RF-199004, Russia; 7-812-328-56-01; fax 7-812-328-68-69; adar@imc.macro.ru; www.onlinereg.ru/mmops2011.

7–9 ▼ Nanotech China, *Shanghai, China*. Jim Wang, Rm. 304, Hall 9, No. 1623, Yunchuan Rd., Baoshan District, Shanghai, PC 201901, China; 86-21-56436721; fax 86-21-56436721; jim.wang@nanotechchina.org; www.nanotechchina.org/index.php.

12–18 11th Intl. Conf. on Applications of Nuclear Techniques, *Crete, Greece*. www.crete11.org.

13–16 ▼ Clean Technology 2011 Conf. and Expo, *Boston, MA*. Sarah Wenning, 696 San Ramon Valley Blvd., Ste. 423, Danville, CA 94526; 925-353-5004; fax 925-886-8461; wenning@techconnect.org; www.techconnectworld.com/Cleantech2011.

13–17 ▼ 42nd Annual Meeting of the APS Division of Atomic, Molecular and Optical Physics, *Atlanta, GA*. abs-help@aps.org; www.aps.org/meetings/meeting.cfm?name=DAMOP11.

17–20 Glass Performance Days Finland, *Tampere, Finland*. Jorma Vitkala, Glaston Finland/GPD, Vehmaistenkatu 5, Tampere, 33730, Finland; 358-10-500-6216; Jorma.Vitkala@gpd.fi; http://gpd.fi.

19–25 12th World Conf. on Titanium (Ti-2011), *Beijing, China*. Hongkang Zhu, Ti-2011 Secretariat, No. 96, Weiyang Rd., Xi'an, Shaanxi, 710016, China; 86-29-86266570; fax 86-29-86231101; sec@ti-2011.com; www.ti-2011.com.

21–24 ▼ 4th IEEE Intl. NanoElectronics Conf. (INEC), *Tao-Yuan, Taiwan*. Sophie Li, INEC 2011 Secretariat; 886-2-8226-1010, ext. 108; fax 886-2-8226-2785; 2011inec@gmail.com; www.inec2011.org.tw/index.html.

21–24 17th Conf. on Insulating Films on Semiconductors, *Grenoble, France*. Gilles Reimbold, CEA - Léti - MINATEC - Nanotec division, 17 rue des martyrs, Grenoble cedex 9, F-38054, France; 33-4-38-78-41 11; infos2011@cea.fr; www.minatec.com/infos2011.

22–24 ▼ Electronic Materials Conf. 2011, *Santa Barbara, CA*. TMS Meeting Services, 184 Thorn Hill Rd., Warrendale, PA 15086-7514; 800-759-4TMS; fax 724-776-3770; mtgserv@tms.org; www.tms.org/Meetings/Specialty/EMC11/home.aspx.

26–30 ▼ Biochemical and Molecular Engineering XVII: Emerging Frontiers, *Seattle, WA*. Engineering Conf. Intl., 32 Broadway, Ste. 314, New York, NY 10004; 212-514-6760; fax 212-514-6030; info@engconfintl.org; www.engconfintl.org/11am.html.

26–1 7th Intl. Dendrimer Symp., *Gaithersburg, MD*. Materials Research Society; 724-779-3003; fax 724-779-8313; info@mrs.org; www.mrs.org. **Managed by MRS.**

26–1 ▼ 17th Biennial Intl. Conf. of the American Physical Society Topical Group on Shock Compression of Condensed Matter, *Chicago, IL*. John Borg, Marquette University, 1515 W. Wisconsin Ave., Milwaukee, WI 53233; fax 414-288-7790; aps2011@marquette.edu; www.marquette.edu/aps2011.

26–1 ▼ Intl. Conf. on Luminescence (ICL'11), *Ann Arbor, MI*. http://sitemaker.umich.edu/icl2011/home.

26–1 Intl. Conf. on Materials for Advanced Technologies (ICMAT2011), *Suntec, Singapore*. ICMAT2011 Secretariat Office, Meeting Matters Intl., 25 Hindoo Rd., Singapore, 209116; 65-6341-7229; fax 65-6341-7269; icmat2011@meetmatt.net; www.mrs.org.sg/icmat2011. **MRS-S**

27–1 2011 Collaborative Conf. on 3D and Materials Research (3DMR), *Jeju Island, South Korea*. www.acknol.org/3DMR. **Endorsed.**

27–1 ▼ Semiconductor Technology for Ultra Large Scale Integrated Circuits and Thin Film Transistors, *Hong Kong, China*. Engineering Conf. Intl., 32 Broadway, Ste. 314, New York, NY 10004; 212-514-6760; fax 212-514-6030; info@engconfintl.org; www.engconfintl.org/11tax.html.

JULY 2011

4–7 10th Intl. Conf. on Materials Chemistry (MC10), *Manchester, UK*. RSC Events, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Rd., Cambridge, CB4 0WF, UK; 44-1223-432380/432254; fax 44-1223-423623; www.rsc.org/ConferencesAndEvents/RSCConferences/MC10/index.asp. **Endorsed.**

10–14 ▼ 9th Intl. Meeting of Pacific Rim Ceramic Societies on Ceramic and Glass Technology (PacRim9), *Cairns, Australia*. Materials Australia; pacrim9@austceram.com; www.austceram.com/pacrim9.asp.

10–15 ▼ 9th Intl. Conf. on Nitride Semiconductors (ICNS-9), *Glasgow, UK*. Secretariat, Congrex UK Ltd., 4B 50 Speirs Wharf, Port Dundas, Glasgow, G4 9TH, UK; 44-141-331-0123; fax 44-141-331-0234; info@icns9.org; www.icns9.org.

10–15 ▼ Intl. Symp. on Ionic Polymerizations, *Akron, OH*. Judit E. Puskas, University of Akron, Dept. of Polymer Science, Akron, OH 44325-3909; 330-972-6203; fax 330-972-5290; jpuskas@uakron.org; www.rubber.org/iupac-ip11-akron.

18–22 7th Intl. Congress on Industrial and Applied Mathematics (ICIAM 2011), *Vancouver, BC, Canada*. info@iciam2011.com; www.iciam2011.com.

24 Carbon Materials for Energy Storage and Generation, *Shanghai, China*. Shaun Gamble; carbonworkshop2011@elsevier.com; www.elsevierscietch.com/conferences/carbon/workshop/index.html.

24–26 ▼ Cements Division/Center for Advanced Cement-Based Materials Annual Meeting, *Nashville, TN*. American Ceramic Society, 600 N. Cleveland Ave., Ste. 210, Westerville, OH 43082; 866-721-3322; fax 301-206-9789; customerservice@ceramics.org; http://ceramics.org/dates-deadlines/cements-divisionacbm-annual-meeting.

24–30 19th Intl. Conf. on Composites or Nano Engineering (ICCE-19), *Shanghai China, Ing Kong*. RMIT University, GPO Box 2476, Melbourne, Vic, 3001, Australia; icce19@icce-nano.org; www.icce-nano.org.

AUGUST 2011

1–5 ▼ 7th Intl. Conf. on Processing and Manufacturing of Advanced Materials (THERMEC 2011), *Quebec City, Canada*. THERMEC Secretariat, Conferium Conf. Services, 580 Grande-Allee Est., bur. 140, Quebec, G1R 2K2, Canada; 418-522-8182; fax 418-529-7548; secretariat@thermec2011.ca; www.thermec2011.ca.

1–5 10th Intl. Conf. on the Structure of Surfaces (ICSOS-10) and e-ICSOS-10, *Hong Kong*. Department of Physics and Materials Science, City University of Hong Kong, 83 Tat Chee Ave., Kowloon, Hong Kong; 852-3442-7844; fax 852-3442-0538; icsos10@cityu.edu.hk; http://go.cityu.hk/icsos10.

7–11 Microscopy and Microanalysis 2011, *Nashville, TN*. Nicole Guy, Hachero Hill, Inc., 11260 Roger Bacon Dr., Ste. 402, Reston, VA 20190; 703-964-1240, ext. 14; nicoleguy@mindspring.com; www.msa.microscopy.org.

8–10 Materials and Processes for Medical Devices (MPMD) Conf. and Exposition 2011, *Minneapolis, MN*. Member Service Center, ASM Intl., 9639 Kinsman Rd., Materials Park, OH 44073-0002; 800-336-5152; fax 440-338-4634; customerservice@asminternational.org; www.asminternational.org/content/Events/mpmd.

14–18 XX Intl. Materials Research Congress (IMRC) 2011, *Cancun, Mexico*. Webmaster@mrs-mexico.org.mx; www.mrs-mexico.org.mx/imrc2011. **SMM, MRS.**

22–26 24th Intl. Conf. on Amorphous and Nanocrystalline Semiconductors (ICANS 24), *Nara, Japan*. www.icans24.org/index.html.

28–2 Microscopy Conf. 2011, *Kiel, Germany*. Wolfgang Jager; 49-431-880-6177; wj@fti.uni-kiel.de; www.mc2011.de.

29–1 ▼ 2011 Nanoelectronic Devices for Defense and Security (NANO-DDS) Conf., *Brooklyn, NY*. Greg Recine, SciCode LLC, 83 Sylvan St., Rutherford, NJ 07070; admin@nano-dds.com; www.nano-dds.com/2011.

31–3 ▼ Intl. Conf. on Mechanochemistry and Mechanical Alloying (INCOME 2011), *Herceg Novi, Montenegro*. Aleksandra Stojicic; 381-11-2185-437, 2636-994; fax 381-11-2185-263; income@mrs-serbia.org.rs; www.mrs-serbia.org.rs/income2011/income2011.html.

SEPTEMBER 2011

4–8 22nd European Conf. on Diamond, Diamond-Like Materials, Carbon Nanotubes, and Nitrides (Diamond 2011), *Bavaria, Germany*. www.diamond-conference.elsevier.com.

5–9 ▼ YUCOMAT 2011, *Herceg Novi, Montenegro*. Aleksandra Stojicic; 381-11-2636-994; its@itn.sanu.ac.rs; www.mrs-serbia.org.rs. **Endorsed.**

11–16 Intl. Conf. on Silicon Carbide and Related Materials (ICSCRM) 2011, *Cleveland, OH*. Barbara Kakiris, NASA Glenn Conf. Liaison, 21000 Brookpark Rd., MS 3-5, Cleveland, OH 44135; 216-433-2513; fax 216-977-7133; Barbara.L.Kakiris@nasa.gov; www.icscrm2011.org.

19–23 ▼ E-MRS 2011 Fall Meeting, Warsaw, Poland. European Materials Research Society, 23 Rue du Loess, Strasbourg Cedex 02, 67037 BP 20, France; 33-0-3-88-10-63-72; fax 33-0-3-88-10-62-93; emrs@emrs-strasbourg.com. **E-MRS.**

20–22 ▼ HI TEMP 2011 Conference, Boston, MA. Ms. Fumi Akimaru, 1-781-272-5353; hitemp2011@netzsch.com; www.hitemp2011.com.

27–29 Intl. Thermal Spray Conf. and Exposition (ITSC) 2011, Hamburg, Germany. DVS—German Welding Society, Aachener Str. 172, Dusseldorf, 40223, Germany; www.dvs-ev.de/call4papers/index.cfm?vid=46.

OCTOBER 2011

2–6 Federation of Analytical Chemistry and Spectroscopy Societies 2011 (FACSS 2011), Reno, NV. Federation of Analytical Chemistry and Spectroscopy, PO Box 24379, Santa Fe, NM 87502, USA; 505-820-1648; facss@facss.org; http://facss.org.

2–7 4th Intl. Conf. on Electrophoretic Deposition: Fundamentals and Applications (EPD 2011), Puerto Vallarta, Mexico. Engineering Confs. Intl., 32 Broadway, Ste. 314, New York, NY 10004; 212-514-6760; info@engconfintl.org; www.engconfintl.org/11ab.html.

2–7 XXXV Intl. Scientific Basis for Nuclear Waste Management Symp., Buenos Aires, Argentina. Ricardo Carranza, Comisión Nacional de Energía Atómica; 54-11-6772-7488; fax 54-11-6772-7362; carranza@cnea.gov.ar; www.cnea.gov.ar/mrs2011. **Endorsed.**

9–12 ▼ Intl. Congress and Exhibition (Euro PM2011), Barcelona, Spain. European Powder Metallurgy Association, Talbot House, Market St., Shrewsbury, SY1 1LG, UK; 44-1743-248899; info@epma.com; www.epma.com/pm2011.

16–20 ▼ Frontiers in Optics 2011/ Laser Science XXVII, San Jose, CA. The Optical Society, 2010 Massachusetts Ave. NW, Washington, DC 20036; 202-416-1907; fax 202-416-6140; custserv@osa.org.

16–20 Materials Science and Technology 2011 Conf. and Exhibition (MS&T'11), Columbus, OH. Meeting Services, TMS, 184 Thorn Hill Rd., Warrendale, PA 15086; 724-776-9000, ext. 243; mtgserv@tms.org.

30–2 ▼ Unified Intl. Technical Conf. on Refractories (UNITECR 2011), Kyoto, Japan. Yoko Yoshii, c/oThe Technical Association of Refractories, Japan, New Ginza Bldg., 7-3-13 Ginza, Chuo-ku, Tokyo, 104-0061, Japan; 81-3-3572-0705; fax 81-3-3572-0175; unitecr-info@tarj.org; www.unitecr2011.org.

30–4 ▼ American Vacuum Society (AVS) 58th Intl. Symp. and Exhibition, Nashville, TN. American Vacuum Society, 125 Maiden Ln., 15th Floor, New York, NY 10038; 212-248-0200; fax 212-248-0245; www.avso.org/inside.event.aspx.

31–2 26th Materials Information Society (ASM) Heat Treating Society Conf. and Exposition, Cincinnati, OH. ASM Member Service Center, 9639 Kinsman Rd., Materials Park, OH 44073-0002; 440-338-5151, ext. 0; fax 440-338-4634; memberservicecenter@asminternational.org; http://hts.asminternational.org/content/Events/Heatreat/index.jsp.

NOVEMBER 2011

7–10 Intl. Symp. on Clusters and Nanostructures (ISCAN-2011), Richmond, VA. Puru Jena, Virginia Commonwealth University, PO Box 842000, Richmond, VA 23284-2000; 804-828 8991; pjena@vcu.edu; www.iscan.vcu.edu. **Endorsed.**

27–1 Fray Intl. Symp., Cancun, Mexico. Florian Kongoli, Flogen Technologies Inc., 1255 Laird Blvd., Ste. 388, Mont-Royal, QC, H3P2T1, Canada; 514-344-8786 ext. 220; fax 514-344-0361; fkongoli@flogen.com; www.flogen.com/FraySymposium.

28–2 2011 MRS Fall Meeting, Boston, MA. Materials Research Society, 506 Keystone Dr., Warrendale, PA 15086, USA; 724-779-3003; fax 724-779-8313; info@mrs.org; www.mrs.org/F11. **MRS.**

DECEMBER 2011

11–15 2nd Nano Today Conf., Waikoloa Beach, HI. 2nd Nano Today Conf. Secretariat, Elsevier, The Boulevard, Langford Ln., Kidlington, Oxford, OX5 1GB, UK; 44-1865-843051; nanotoday2011@elsevier.com; www.nanotoday-conference.com.

11–15 ▼ 4th Intl. Conf. on the Mechanics of Biomaterials and Tissues, Waikoloa, HI. Elsevier; customerservice-ICMOBT11@elsevier.com; www.mechanicsofbiomaterials.com.

11–15 6th Intl. Symp. on Surface Science and Nanotechnology (ISSS-6), Tokyo, Japan. Susumu Fukatsu, University of Tokyo, 3-8-1 Komaba, Meguro, Tokyo, 153-8902, Japan; 81-3-5454-6754; fax 81-3-5454-6998; iss6@sss.jp; www.sss.jp/iss6.

12–16 6th Intl. African-MRS Conf., Victoria Falls, Zimbabwe. info@Africanmrs.org; www.Africanmrs.org. **Africa-MRS, Endorsed.**

APRIL 2012

9–13 2012 MRS Spring Meeting, San Francisco, CA. Materials Research Society, 506 Keystone Dr., Warrendale, PA 15086; 724-779-3003; fax 724-779-8313; info@mrs.org; www.mrs.org/Spring2012. **MRS.**

28–3 2012 55th SVC Annual Technical Conf., Santa Clara, CA. Society of Vacuum Coaters, 71 Pinon Hill Pl. NE, Albuquerque, NM 7122; 505-856-7188; fax 505-856-6716; www.svc.org/ConferencesExhibits/Future-Meetings.cfm.

JUNE 2012

1–6 XXVII Congress of the Intl. Society for the Advancement of Cytometry (CYTO 2012), Leipzig, Germany. ISAC, isac@faseb.org, www.cytoconference.org/pages/FutureCYTOCongress.aspx.

3–8 SID 2012, Boston, MA. The Society for Information Display, 1475 S. Bascom Ave., Ste. 114, Campbell, CA 95008; 408-879-3901; fax 408-879-3833; office@sid.org; www.sid.org.

JULY 2012

8–13 XIV Intl. Conf. on Phonon Scattering in Condensed Matter (PHONONS 2012), Ann Arbor, MI. Kevin Pipe; pipe@umich.edu; www.phonons2012.com.

16–20 ▼ 2nd Global Congress on Microwave Energy Applications (2GCMEA), Long Beach, CA. Materials Research Society; 724-779-3003; fax 724-779-8313; info@mrs.org; http://www.mrs.org/s_mrs/sec.asp?CID=24741&DID=275226. **Managed by MRS.**

NOVEMBER 2012

26–30 ▼ 2012 MRS Fall Meeting, Boston, MA. Materials Research Society, 506 Keystone Dr., Warrendale, PA 15086; 724-779-3003; fax 724-779-8313; info@mrs.org; www.mrs.org/fall2012. **MRS.**

MRS MATERIALS RESEARCH SOCIETY
Advancing materials. Improving the quality of life.

NOMINATE A COLLEAGUE TODAY

for one of these prestigious awards from the Materials Research Society

- Von Hippel Award
- David Turnbull Lectureship
- MRS Medal
- Materials Theory Award

Nomination Deadline—April 1, 2011

www.mrs.org/awards



2011 MRS SPRING MEETING



Moscone West Level 1

Tuesday, April 26
11:00 am – 2:00 pm
4:30 pm – 8:30 pm

Wednesday, April 27
11:00 am – 5:00 pm

Thursday, April 28
10:00 am – 1:30 pm

Accelrys, Inc. Booth 408
www.accelrys.com
Materials Studio; Pipeline Pilot

ACS Publications Booth 114
pubs.acs.org
Journals

Advanced Research Systems, Inc. Booth 213
www.arscryo.com
Closed and Open Cycle Cryogenic Systems;
Cryogenic Probe Station

Agilent Technologies Booth 500
www.agilent.com/find/nano
Atomic Force and Scanning Electron Microscopes;
Nanoindentation and Nanomechanical Testing Systems;
Microwave Network Analyzers

AIST-NT, Inc. Booth 328
www.aist-nt.com
Atomic Force Microscopes; AFM-Raman;
SPM Accessories

AIXTRON SE Booth 508
www.aixtron.com
MOCVD and CVD Equipment; ALD, AVD and CVD
Equipment; PECVD Equipment

AJA International, Inc. Booth 307
www.ajaint.com
Sputtering Systems; Sputter Sources;
Sputter Targets

American Institute of Physics Booth 102
www.aip.org
Physics Journals; Online Hosting;
Conference Proceedings

Anasys Instruments Corp. Booth 519
www.anasysinstruments.com
Nanoscale Infrared Spectroscopy (nanoIR);
Nanoscale Thermal Analysis (nano-TA);
VESTA Local Thermal Analysis System

Angstrom Engineering Inc. Booth 426
www.angstromengineering.com
Vacuum Deposition Systems; PVD Thin Film
Systems; CVD Thin Film Systems

Annealsys Booth 219
www.annealsys.com
RTP; RTCVD; Annealing; MOCVD; Spray-CVD; LPCVD

APP Co., Ltd. Booth 128
www.applasma.com
Atmospheric Plasma Equipment; Surface Treatment;
Thin Film Coating

Applied Surface Technologies Booth 503
www.co2clean.com
CO₂ Snow Jet Cleaning; Surface Cleaning;
Substrate Cleaning

Arradance, Inc. Booth 119
www.arradance.com
Atomic Layer Deposition Equipment;
Engineered Thin Film Deposition Service;
Advanced Technology Microchannel Plates

Asylum Research Booth 313
www.AsylumResearch.com
Cypher AFM; MFP-3D AFM; Atomic Force/Scanning
Probe Microscopes

Biolin Scientific, Inc. Booth 207
www.biolinscientific.com
Quartz Crystal Microbalance with Dissipation
Monitoring; Farfield Dual Polarization
Interferometer; Attension Theta Optical Tensiometer

BioLogic USA Booth 117
www.bio-logic.us
Electrochemical Instruments; Rapid Kinetics and
Spectroscopy; Electrophysiology and Photosynthesis

Blue Wave Semiconductors, Inc. Booth 518
www.bluewavesemi.com
Substrate Wafer Heaters; Thin Films & Coating Materials
and R&D Services; PVD & CVD Deposition Systems

Bruker Booth 301
www.bruker.com
X-Ray Diffraction & Fluorescence Instruments;
Raman Spectroscopy; Atomic Force Microscopy

Cambridge University Press Booth 118
www.cambridge.org/us
Books; Journals

Carbolite, Inc. Booth 120
www.carbolite.us
Furnaces; Ovens; Incubators

CETR Booth 515
www.cetr.com
Universal Nano+Micro+Macro Materials Testers

Chemat Technology, Inc. Booth 101
www.chemat.com
Spin Coating; Dip Coating; Coating Equipment;
Chemical Precursors

CrystalMaker Software Ltd. Booth 325
www.crystallmaker.com
CrystalMaker; CrystalDiffract; SingleCrystal

CSM Instruments Inc. Booth 208
www.csm-instruments.com
Scratch Testers; Indentation/Hardness Testers;
Tribology

DTRA/SCC-WMD (RD-CB) Booth 107
www.dtra.mil/rd/cbt
Government; Research; Chem-Bio

Dune Sciences, Inc. Booth 226
www.dunesciences.com
Electron & Microscopy; Optical; Sample Preparation

Ecopia Corp. Booth 205
www.ecopia21.co.kr
Variable Temperature Hall Effect Measurement
System; Probe Station; Heat Treatment System

eDAQ, Inc. Booth 229
www.edaq.com
Electrochemical Impedance Spectroscopy;
Electrochemistry Systems; Data Recorders

Electron Microscopy Sciences/Diatome U.S. Booth 419
www.emsdiasum.com
Microscopy Supplies; Material Specimen Preparation

Elsevier Booth 104
www.elsevier.com
Books; Journals; Electronic Products

FEI Company Booth 414
www.fei.com
Scanning Electron Microscopes; Transmission Electron
Microscopes; DualBeam SEM/FIB Microscopes

First Nano, A Division of CVD Equipment Corporation Booth 517
www.firstnano.com
CVD Equipment; Gas/Chemical Delivery Systems;
Gas Abatement Systems

Fischione Instruments Booth 308
www.fischione.com
Electron Microscope Accessories; Sample Preparation

FUJIFILM Dimatix, Inc. Booth 417
www.dimatix.com
Materials Deposition Printer; Materials Deposition
Cartridge; Other Printheads and Systems

Gatan, Inc. Booth 200
www.gatan.com
Materials Characterization; Nanotechnology;
Photovoltaics

Gateway Analytical Booth 431
www.gatewayanalytical.com
Analytical, Characterization,
Testing & Consulting Services

HeatWave Labs Inc. Booth 415
www.cathode.com
Substrate Heaters; Dispenser Cathodes;
Electron Guns

Hielscher USA, Inc. Booth 220
www.hielscher.com
Ultrasonic Mixers; Dispersion Technology;
Sonochemistry

Hummingbird Scientific Booth 203
www.hummingbirdscientific.com
TEM Specimen Holders

Huntington Mechanical Laboratories, Inc. Booth 501
www.huntvac.com
Vacuum Chambers; Vacuum Feedthroughs;
Vacuum Hardware

Hysitron, Inc. Booth 412
www.hysitron.com
TI 950 TriboIndenter®; PI 95 TEM PicoIndenter®;
TS 75 TriboScope®

Integrated Dynamic Electron Solutions, Inc. Booth 227
www.phaseplate.com
TEM; DynamicTEM; Lasers

Integrated Dynamics Engineering Booth 121
www.ideworld.com
Vibration Isolation; EMI Cancellation; Acoustic Isolation;
Microscope Tables

Janis Research Company, Inc. Booth 309
www.janis.com
Micromanipulated Probe Stations; Cryostats;
Cryocoolers

JASCO Booth 225
www.jascoinc.com
Spectroscopy Instrumentation; Chromatography
Instrumentation; Raman; Nanomaterials
Characterization; FT-IR Microscopy

JEOL USA, Inc. Booth 201
www.jeolusa.com
TEM; SEM; NMR

KD Scientific Booth 435
www.kdscientific.com
Syringe Pumps; Syringes; Laboratory Research
Instruments; Fluid Handling Instruments;
Electro Spinning Instruments

KP Technology Ltd. www.kelvinprobe.com Scanning Kelvin Probe; UHV Kelvin Probe; Controlled Atmosphere Kelvin Probe	Booth 217	Oerlikon Leybold Vacuum www.oerlikon.com/leyboldvacuum Thin Film PVD Coating Systems; Vacuum Equipment; Leak Detectors	Booth 230	South Bay Technology, Inc. www.southbaytech.com Ion Beam Sputter Deposition and Etch; Reactive Ion Etcher; Plasma Cleaner/Trimmer	Booth 405
Kurt J. Lesker Company www.lesker.com Pure Targets and Materials; Vacuum Components; Thin Film Deposition Systems; Target Bonding Services; UHV Manipulation	Booth 401	Omicron NanoTechnology USA www.omicron-instruments.com UHV SPM; Surface Science Instrumentation; MBE	Booth 312	SPECS Surface Nano Analysis GmbH www.specs.com PHOIBOS Energy Analyzer; SPM 150 Aarhus; JT-STM; FE-LEEM P90	Booth 507
Lake Shore Cryotronics, Inc. www.lakeshore.com Hall Effect Measurement Systems; Probe Stations; Cryogenic Instruments and Sensors	Booth 304	Organic Spintronics S.R.L. www.organic-spintronics.com Thin Film Deposition Processes; Thin Film Deposition Sources; Thin Film Deposition Systems	Booth 122	SPEX SamplePrep LLC www.spexsampleprep.com Mixer/Mills; Freezer/Mills; X-Press	Booth 216
Materials Analysis Technology (MA-tek) www.ma-tek.com Materials Analysis; Failure Analysis; Reliability Testing	Booth 527	OSA—The Optical Society www.osa.org Publishing; Optical Materials	Booth 112	SPI Supplies, Division of Structure Probe, Inc. www.2spi.com Supplies for Electron Microscopy; Plasma Etching Systems; TEM Membrane Grid	Booth 509
Metrohm USA, Inc. www.metrohmusa.com Electro Chemical Systems; Impedance Characterizations; Sensors; EQCM	Booth 224	Oxford Instruments www.oxford-instruments.com Etching, Deposition and Growth Systems	Booth 505	Springer www.springer.com Books; Journals; E-Books	Booth 100
Microtrac Inc. www.microtrac.com Particle Analyzer; Image Analysis; Nanotechnology	Booth 125	PANalytical Inc. www.panalytical.com X-ray Diffraction (XRD); Computed Tomography (CT); Small Angle X-ray Scattering (SAXS); X-ray Fluorescence (XRF)	Booth 506	STAIB Instruments, Inc. www.staibinstruments.com RHEED; Spectrometers; Surface Analysis	Booth 512
MMR Technologies, Inc. www.mmr.com Hall Effect Measurement Systems; Seebeck Effect Measurement Systems; Variable Temperature Microprobe Systems	Booth 407	Park Systems Inc. www.parkatm.com Atomic Force Microscopes	Booth 520	SURFACE Systems & Technology GmbH & Co. KG www.surface-tec.com PLD Systems; UHV Cluster Tools; Nanomechanical Heating & Cooling Systems	Booth 504
MTI Corporation www.mtixtl.com Muffle & Tube Furnace; Battery Research Equipment; Single Crystal	Booth 319	Physical Electronics www.phl.com Scanning Auger; XPS; ESCA; TOF-SIMS; Materials Analysis; Surface Analysis	Booth 420	SVT Associates, Inc. www.svt.com Molecular Beam Epitaxy; Pulsed Laser Deposition; Atomic Layer Deposition	Booth 324
NanoAndMore USA Inc. www.nanoandmore.com AFM Probes; Digital Optical Microscopes; Digital Holographic Microscopes	Booth 204	Plasma-Therm LLC www.plasmatherm.com Semiconductor Manufacturing Equipment	Booth 218	Taylor & Francis—CRC Press www.taylorandfrancis.com Books; Journals; Online Products	Booth 108
Nanofactory Instruments AB www.nanofactory.com STM-TEM Systems; AFM-TEM Systems; TEM Nanoindentation	Booth 215	Plasmaterials, Inc. www.plasmaterials.com Sputtering Targets; Backing Plates; Evaporation Materials	Booth 316	TDK-Lambda Americas Inc. www.us.tdk-lambda.com/hp Genesys™ Programmable AC/DC Power Supplies	Booth 525
Nanounity www.nanounity.com AFM; SPM; SEM; Confocal Raman; X-ray Diffraction	Booth 428	Protochips, Inc. www.protochips.com Microscopes, Electron Microscopy & Instrumentation; Nanotechnology; Biological, Biomedical & Bio-related	Booth 214	Ted Pella, Inc. www.tedpella.com Vacuum Coaters; Calibration; Microscopy Sample Preparation & Supplies/Accessories	Booth 413
National Electrostatics Corp. www.pelletron.com MeV Accelerators; RBS/PIXE/AMS; Ion Beam Components	Booth 403	Radiani Technologies, Inc. www.ferrodevices.com Ferroelectrics; Multiferroics; Piezoelectrics	Booth 317	TETRA GmbH www.tetra-ilmenau.de Material Tester; Tribometer; Force Sensor	Booth 429
National Nanotechnology Infrastructure Network www.nnin.org Nanofabrication; Nanotechnology	Booth 105	Renishaw Inc. www.renishaw.com Raman Microscopes; Spectrometers	Booth 212	Toshima Manufacturing Co., Ltd. www.material-sys.com Sputtering Targets	Booth 416
NBM Design, Inc. www.nbmdesign.com Pulsed Laser Deposition; Custom Systems; Deposition Technology	Booth 427	RHK Technology, Inc. www.rhk-tech.com SPM Universal Controls; UHV STM; UHV AFM/STM	Booth 206	ULVAC Technologies, Inc. www.ulvac.com Seebeck Coefficient; RTP Annealing Furnace; Thermal Diffusivity	Booth 418
Neaspec GmbH www.neaspec.com Apertureless NSOM/SNOM; Nanoscale Infrared Spectroscopy; Raman Spectroscopy	Booth 228	Rigaku Americas Corporation www.rigaku.com X-ray Diffraction Systems; Small Angle X-ray Scattering Systems	Booth 421	United Mineral & Chemical Corporation www.umccorp.com MBE Source Materials; Effusion Cells; Cracker Sources; Deposition Equipment	Booth 327
Neocera, LLC www.neocera.com Pulsed Laser Deposition; Pulsed Electron Deposition	Booth 513	RKI Instruments, Inc. www.rkiinstruments.com Photoelectron Spectrometer	Booth 234	VG Scienta, Inc. www.vgsienta.com Surface Analysis Systems & Components; UHV Systems & Components; Valves; Sample Manipulators	Booth 514
Netzsch Instruments N.A. LLC www.netzsch-thermal-analysis.com Thermal Analysis; Thermal Conductivity; Thermal Expansion; Calorimetry	Booth 521	Rocky Mountain Vacuum Tech, Inc. www.rmvac.com Vacuum Systems; Vacuum Components	Booth 318	Wiley www.wiley.com Books; Journals; Databases	Booth 106
NIST/MSD www.nist.gov/srm Standard Reference Materials; Data and Calibration Services	Booth 113	Seki Technotron USA www.sekicvdsolutions.com Microwave Plasma CVD Systems; Hot Filament CVD Systems; Plasma CVD Systems	Booth 516	WITec Instruments Corp. www.witec-instruments.com Confocal Raman Microscopy; Scanning Near-Field; Raman AFM	Booth 202
Nor-Cal Products, Inc. www.n-c.com Vacuum Components & Chambers; Flanges & Fittings; Valves	Booth 306	Semicore Equipment Inc. www.semicore.com Sputtering Systems; Evaporation Systems; Custom PVD Systems & Components	Booth 221	XEI Scientific, Inc. www.evactron.com De-contaminators for SEMs; De-contaminators for TEMs; Lower-Power RF Supply	Booth 524
		Solartron Analytical (AMETEK) www.solartronanalytical.com ModuLab MTS; 1260 Impedance Analyzer; Cryostats & Furnaces	Booth 425		
		SonoPlot, Inc. www.sonoplot.com Printed Electronics; Silver Ink	Booth 329		