

## Events

### 2007

Published online: 17 March 2007

Mar 26–28

#### Fatigue 2007

*Queens' College, Cambridge, U.K.*

The Engineering Integrity Society has put together an exciting program of speakers from around the world for this international conference with authors from industry and academia. Plenary presentations will be given by Jean Louis Chaboche, ONERA, France; Grzegorz Glinka, University of Waterloo, Canada; and Paul Bowen, University of Birmingham, U.K.; and keynote presentations by R. Sunder, BiSS Research, India; Darrell Socie, University of Illinois, U.S.; John Evans, University of Wales Swansea, U.K.; Robert Ritchie, University of California, Berkeley, U.S.; and Trevor Lindley, Imperial College, London.

**Contact:** Conference Secretariat Catherine Pinder, Engineering Integrity Society, 5 Wentworth Avenue, Sheffield S11 9QX, U.K.; tel: +44-0-1142621155; fax: +44-0-1142621120; e-mail: [fatigue@e-i-s.org.uk](mailto:fatigue@e-i-s.org.uk); web: [www.e-i-s.org.uk](http://www.e-i-s.org.uk).

Apr 1–3

#### Plastic Parts Innovations Conference and New Product Design Competition

*Peabody Memphis Hotel, Memphis, TN*

The Plastic Parts Innovations Conference and New Product Design Competition provides a noncommercial forum for the advancement of technology. Annually, the industry's leaders meet

and network with over 200 international contacts to discuss what is new in part design, process selection, tooling, prototyping, materials selection, finishing, and assembly.

**Contact:** Karen Miles, Alliance of Plastics Processors, Society of the Plastics Industry, 1667 K St., NW, Suite 1000, Washington, D.C. 20006; tel: +800-525-3984 or +202-974-5247; fax: +202-296-7005; e-mail: [kmiles@socplas.org](mailto:kmiles@socplas.org); web: [www.plasticparts.org](http://www.plasticparts.org).

Apr 2–4

#### Nano Nexus 2007

*Oak Ridge National Laboratory, Oak Ridge, TN*

Nano Nexus 2007 is a new nanotechnology event with an emphasis on education for all the critical players in nanotechnology commercialization: universities, government, industry, and the investment community. Every resource needed to do collaborative research and development, prototype manufacturing, support new business startups, or build full-scale manufacturing facilities can be found at this event.

**Contact:** Tara Marlow, 1020 Commerce Park Dr., Suite 100, Oak Ridge, TN 37830; tel: +865-220-2020; fax: +865-220-2030; e-mail: [info@nanonexus.org](mailto:info@nanonexus.org); web: [www.nanonexus.org](http://www.nanonexus.org).

Apr 11–12

#### 1st European Magnesium in Automotive Seminar

*Stuttgart, Germany*

The popular U.S. seminar that targets automotive engineers and designers is coming to Europe for the first time. The seminar features a one-on-one panel discussion with industry experts and includes the following topics: magnesium alloys development,

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To submit an event for the calendar, contact Jo Hannah Leyda, ASM International, 9639 Kinsman Road, Materials Park, OH 44073; Fax: 440/338-8542; e-mail: [jleyda63@yahoo.com](mailto:jleyda63@yahoo.com).

magnesium and the design process, production and postproduction processing, environmental opportunities, and magnesium applications and concepts.

**Contact:** International Magnesium Association, 1000 N. Rand Rd., Suite 214, Wauconda IL 60084; tel: +847-526-2010; fax: +847-526-3993; e-mail: [info@intlomag.org](mailto:info@intlomag.org); web: [www.intlmag.org](http://www.intlmag.org).

Apr 12–15

### **Congress on the Future of Engineering Software (COFES 2007)**

*Scottsdale Plaza Resort, Scottsdale, AZ*

COFES is the engineering software industry's only annual think-tank event that brings executives from design, engineering, architectural, development, and technology companies together to understand the role engineering technology will play in the future survival and success of business. An application for the invitation-only event can be found at <http://apply.cofes.com>.

**Contact:** Congress on the Future of Engineering Software, 8220 Stone Trail Dr., Bethesda, MD 20817-4556; tel: +301-365-9085; fax: +301-365-4586; web: <http://cofes.com/Events/COFES2007.aspx>.

Apr 15–19

### **IEEE International Reliability Physics Symposium (IRPS) 45th Annual Conference**

*Hyatt Regency Phoenix at Civic Plaza, Phoenix, AZ*

Sponsored by the IEEE Reliability Society and the IEEE Electron Devices Society, the IRPS is the premier event for physics-based micro- or nanoreliability. The focus of the symposium is the 3-day technical program featuring original work that identifies new microelectronic failure or degradation mechanisms, improves understanding of known failure mechanisms, demonstrates new or innovative analytical techniques, or demonstrates ways to build in reliability.

**Contact:** IEEE Electron Devices Society, IEEE Operations Center, 445 Hoes Lane, Piscataway, NJ 08854-4141; tel: +732-562-3926; fax: +732-235-1626; web: [www.irps.org](http://www.irps.org).

Apr 16–20

### **Hannover Messe 2007—World Trade Fair for Industrial and Automation Technology**

*Hannover Fairgrounds, Hannover, Germany*

Hannover Messe (Hannover Fair) is the world's leading trade fair for industrial and automation technology. The 2007 program will

include the biennial trade show "Motion Drive and Automation." Visitors will discover the entire spectrum of electric, mechanical, and fluid power transmission in a display that embraces every aspect of industrial automation. Separate trade shows will showcase the related fields of compressed air and vacuum technology and surface treatment.

**Contact:** Hannover Fairs USA Inc., 212 Carnegie Center, Princeton, NJ 08540; tel: +609-987-1202; fax: +609-987-0092; e-mail: [info@hfusa.com](mailto:info@hfusa.com); web: [www.hf-usa.com/hannovermesse](http://www.hf-usa.com/hannovermesse).

May 14–17

### **International Thermal Spray Conference and Exposition (ITSC 2007)**

*Beijing, International Convention Center, Beijing, China*

An international delegation of materials and design engineers, research scientists, manufacturers, suppliers, and users will gather in the largest emerging market in the world to exchange ideas on meeting the challenges and opportunities of the years to come. ITSC 2007 offers 3 days of premiere technical programming from the world's leading thermal spray experts in addition to an unparalleled exposition featuring the world's largest gathering of thermal spray equipment suppliers, consumable and accessory suppliers, as well as vendors and service providers. Unmatched educational programs and networking events are also scheduled.

**Contact:** Customer Service Center, ASM International, 9639 Kinsman Rd., Materials Park, OH 44073; tel: +800-336-5152 ext. 6 or +440-338-5151 ext. 6; fax: +440-338-4634; e-mail: [customer.service@asminternational.org](mailto:customer.service@asminternational.org); web: [www.asminternational.org/itsc07](http://www.asminternational.org/itsc07).

Jun 5–7

### **SAMPE 07**

*Baltimore Convention Center, Baltimore, MD*

For the first time ever, the SAMPE 07 Conference and Exhibition is moving east. This year's conference will address a variety of topics, including, but not limited to, adhesion and adhesion bonding, carbon-carbon composites, high-temperature resins, nanomaterials, fibers and textiles, test, inspection and evaluation, and RTM/VARTM.

**Contact:** Doris Weaver, Conference Manager, Society for the Advancement of Material and Process Engineering (SAMPE), 1161 Park View Dr., Suite 200, Covina, CA 91724-3751; tel: +626-331-0616 ext. 603; fax: +626-332-8929; e-mail: [doris@sampe.org](mailto:doris@sampe.org); web: [www.sampe.org](http://www.sampe.org).

Jun 25–28

**18th Advanced Aerospace Materials and Processes Conference and Exposition (AeroMat 2007)**

*Baltimore Convention Center, Baltimore, MD*

Every year, aerospace scientists, engineers, and technicians from over a dozen countries around the globe submit their work for presentation at AeroMat. It is the premiere event where leaders from both industry and government meet once a year to network with their colleagues and share information on all aspects of global aerospace technology, materials, and processes. Over 800 conference delegates and 60–70 exhibiting companies gather at one of the largest trade shows focused exclusively on the aerospace industry.

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Aug 6–9

**40th Annual International Metallographic Society (IMS) Convention, Microscopy & Microanalysis 2007**

*Broward County Convention Center, Fort Lauderdale, FL*

As part of Microscopy and Microanalysis 2007, the IMS Convention is a comprehensive scientific program and the premiere meeting of the year for scientists and technologists interested in learning the latest advances in applications and techniques for the analysis of a broad range of materials in the biological and physical sciences as well as nano- and biotechnology. The Annual Meeting of the Microscopy Society of America (MSA) and the Microbeam Analysis Society (MAS) is co-sponsored by IMS. Microscopy & Microanalysis 2007 is sponsored by MSA, MAS, IMS, and MSC/SMC.

**Contact:** IMS Convention: Customer Service Center, ASM International, Materials Park, OH; tel: +800-336-5152 ext. 6, or +440-338-5151 ext. 6; fax: +440-338-4634; e-mail: customer.service@asminternational.org; web: www.asminternational.org. Microscopy & Microanalysis 2007: Phillip Ridley, Conference

Manager, M&M-2007, Bostrom Corp., 230 East Ohio, Suite 400, Chicago, IL 60611; tel: +312-644-0828; fax: +312-644-8557; e-mail: pridley@bostrom.com; web: <http://microscopy.org/MMMeetings/MM07>.

Sep 17–20

**Materials Science and Technology 2007 Conference and Exhibition (MS&T'07)**

*Cobo Center, Detroit, MI*

Held in conjunction with the ASM Heat Treating Society Conference and Expo, MS&T brings together the strengths of four major materials organizations: ACerS, AIST, ASM International, and TMS. This collaboration results in the most comprehensive forum possible for those in materials science and engineering to learn from each other, explore new ways of working, and experience the synergy that this exchange sparks for the benefit of the community at large.

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Sep 23–25

**Materials and Processes for Medical Devices Conference and Expo (MPMD '07)**

*Desert Springs Resort and Spa, Palm Desert, CA*

The MPMD is the only conference on medical devices that brings together scientists and product, research, design, and development engineers from around the globe to present the latest developments in materials, processes, product performance, and new technologies for medical/dental devices.

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