

2016

MRS Member Benefits
& Society Activities



WELCOME

to the Materials Research Society

MRS is a growing, vibrant, member-driven organization focused on broadening the impact of materials science and technology, and improving the quality of life.

To that end, we offer our members many benefits that help advance our mission, and that our members deem important to their work and careers. These benefits include:

- ♦ discounted rates for MRS Meetings and Workshops
- ♦ FREE access to live events, content from MRS Meetings and more via MRS OnDemand® and the MRS OnDemand Webinar Series
- ♦ professional recognition via the prestigious MRS Awards Program
- ♦ opportunities to expand your career or your company via MRS Career Central
- ♦ grassroots project funding opportunities via the Materials Research Society Foundation
- ♦ access to, and inclusion in, the MRS Member Directory—an online database that allows members to add photos, a brief bio and links to social media sites and many more!

New for 2016, MRS Membership now includes FREE electronic access to all MRS Publications—from our flagship technical and news journal, *MRS Bulletin*, to the newest addition to our publications portfolio, *MRS Advances*.

Our members are research professionals from industry, academia and government from around the world, and they choose MRS because it is important to their work and careers.

What you might not know about MRS is that we are expanding our professional development portfolio to better meet your career needs and to better serve the materials research community. These efforts include:

- ♦ advocating for increased and sustained funding for the physical sciences
- ♦ fostering outreach and science education for policy leaders and the general public
- ♦ promoting diversity and inclusion in the scientific workforce
- ♦ introducing prestigious new awards
- ♦ collaborating with international partners on bilateral projects

By joining MRS, you add your voice to almost 16,000 others who support these efforts and believe in the MRS mission of advancing interdisciplinary materials research to improve the quality of life.

www.mrs.org

EXPAND

YOUR KNOWLEDGE



NEW

Adding to the many core benefits membership offers, **MRS Members now receive FREE electronic subscriptions to the full suite of MRS publications—all hosted on Cambridge Journals Online (CJO).** For both authors and readers that means expanded benefits ... advanced search capabilities, reference linking, mobile browser accessibility and more!

In addition, an **Open Access option** is available for select MRS publications at discounted rates through 2016; MRS Members enjoy additional discounts.



MRS PUBLISHING

Do you have an idea for a new book or journal on a materials-related topic?

Is there a materials topic that is underrepresented, or shows exceptional potential for growth within the MRS publications portfolio? If so, then submit a proposal to the Materials Research Society, where we don't just serve the materials community ... **we ARE the materials community.**

www.mrs.org/mrs-publishing

MRS Bulletin

MRS Bulletin is one of the most widely recognized and highly respected publications in advanced materials research. Published monthly, it features technical theme topics that capture a snapshot of the state of the art of materials research.

In addition, *MRS Bulletin* now presents monthly MRS OnDemand webinars to complement each issue's theme topic. Join us for the following **Webinar Wednesdays in 2016**:

- January** Atom probe tomography (APT) and applications in materials science
- February** Beyond conventional lithography: Patterning via self-organization and self-folding
- March** Metamorphic epitaxial materials
- April** Twinning in metallic materials: Strengthening and plasticity
- May** Nucleation in atomic, molecular, and colloidal systems
- June** Frontiers of synchrotron diffraction research in materials science
- July** Advanced tomography techniques for biological, organic, and inorganic materials
- August** Microstructure informatics in materials and process design
- September** Hierarchical materials
- October** Metallic materials for 3D printing
- November** Metal-organic frameworks for electronics and photonics
- December** Ultra-short pulse laser synthesis and modification of materials

For the most up-to-date webinar calendar, visit www.mrs.org/webinars.

And don't miss **Energy Quarterly (EQ)**. Included within *MRS Bulletin* four times a year, EQ offers interviews and analysis of materials solutions to the world's accelerating need for secure, affordable and environmentally sustainable energy.

www.mrs.org/bulletin

Journal of MATERIALS RESEARCH

Journal of Materials Research (JMR) is a premier archival materials science journal devoted to publishing new research that demonstrates a significant impact or advance of scientific understanding of interest to the materials research community.

Published bimonthly, each regular issue of *JMR* covers a wide range of materials research topics. **Special Focus Issues** devoted entirely, or in part, to a single topic are published several times a year.

Look for these Focus Issues in 2016:

- April** Two-Dimensional Heterostructure Materials
- June** Advanced Materials and Structures for Solar Fuels
- July** Advances and Challenges in Carbon-based Tribomaterials
- October** Reinventing Boron Chemistry for the 21st Century

Open Access option available.

www.mrs.org/jmr

MRS Advances

NEW!

MRS Advances is a new peer-reviewed and online-only multidisciplinary journal devoted to publishing emerging materials science, and is **designed to reflect the way materials researchers work, write, publish and share their results**. *MRS Advances* draws upon content presented at MRS Meetings, beginning with manuscripts from the 2015 MRS Fall Meeting. The journal's editorial leadership will ensure high-quality research is offered to the worldwide community.

Open Access option available.

www.mrs.org/mrs-advances

MRS Communications

MRS Communications is a full-color, high-impact journal focused on groundbreaking work across the broad spectrum of materials research.

MRS Communications offers a rapid but rigorous peer-review process and time to publication with an aggressive production schedule that will **bring your article to online publication within a target of 14 days from acceptance**.

Leveraging its access to the far-reaching technical expertise of MRS Members and leading materials researchers from around the world, the journal boasts an experienced and highly respected Advisory Board, editorial board of Principal Editors and reviewers.

Major article types for *MRS Communications* include research letters and Perspectives articles.

Open Access option available.

www.mrs.org/mrc

MRS ENERGY SUSTAINABILITY A Review Journal

MRS Energy & Sustainability—A Review Journal publishes **reviews on key topics in materials research and development as they relate to energy and sustainability**.

Review topics include new R&D of both established and new areas; interdisciplinary systems integration; and objective application of economic, sociological and governmental models, enabling research and technological developments. Reviews will be set in an integrated context of scientific, technological and sociological complexities relating to environment and sustainability.

The intended readership is a broad spectrum of scientists, academics, policymakers and industry professionals, all interested in the interdisciplinary nature of the science, technology and policy aspects of energy and sustainability.

Open Access option available.

www.mrs.org/energy-sustainability-journal

MRSonline PROCEEDINGS LIBRARY ARCHIVE

The *MRS Online Proceedings Library Archive* includes **more than 100,000 peer-reviewed papers** online—proceedings published from Volume 1 through the 2015 MRS Spring Meeting. The *Archive* is fully searchable and can be sorted and viewed by meeting or topic.

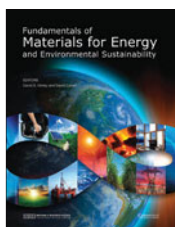
www.mrs.org/opl

EXPAND YOUR KNOWLEDGE

Books and Textbooks from the Materials Research Society and Cambridge University Press

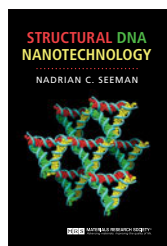
MRS continues to expand the breadth and scope of its Book Collection. Leading experts from around the world provide comprehensive coverage of topics spanning physics, chemistry, biology, mathematics and engineering—the full spectrum of materials research. MRS Members receive special **discounted pricing on all MRS books and textbooks**. Visit www.mrs.org/books-textbooks for the latest offerings in the Collection.

TEXTBOOKS



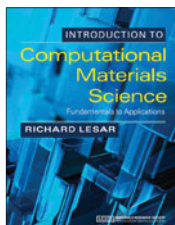
Fundamentals of Materials for Energy and Environmental Sustainability

EDITORS: David S. Ginley and David Cahen
ISBN: 9781107000230
List Price: \$110.00
MRS Member Price: \$88.00
www.cambridge.org/ginley



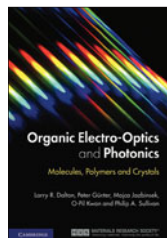
NEW! Structural DNA Nanotechnology

AUTHOR: Nadrian C. Seeman
ISBN: 9780521764483
List Price: \$65.00
MRS Member Price: \$52.00
www.cambridge.org/seeman



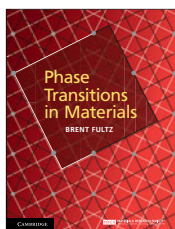
Introduction to Computational Materials Science: Fundamentals to Applications

AUTHOR: Richard LeSar
ISBN: 9780521845878
List Price: \$100.00
MRS Member Price: \$80.00
www.cambridge.org/lesar



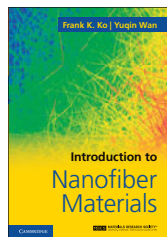
Organic Electro-Optics and Photonics: Molecules, Polymers, and Crystals

AUTHORS: Larry R. Dalton, Peter Günter, Mojca Jazbinsek, O-Pil Kwon and Philip A. Sullivan
ISBN: 9780521449656
List Price: \$80.00
MRS Member Price: \$64.00
www.cambridge.org/dalton



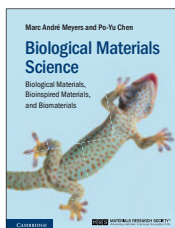
Phase Transitions in Materials

AUTHOR: Brent Fultz
ISBN: 9781107067240
List Price: \$105.00
MRS Member Price: \$84.00
www.cambridge.org/fultz



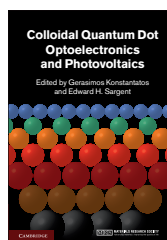
Introduction to Nanofiber Materials

AUTHORS: Frank K. Ko and Yuqin Wan
ISBN: 9780521879835
List Price: \$115.00
MRS Member Price: \$92.00
www.cambridge.org/nanofiber



Biological Materials Science: Biological Materials, Bioinspired Materials, and Biomaterials

AUTHORS: Marc André Meyers and Po-Yu Chen
ISBN: 9781107010451
List Price: \$110.00
MRS Member Price: \$88.00
www.cambridge.org/bms



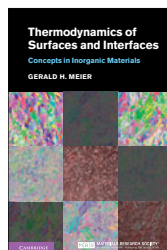
Colloidal Quantum Dot Optoelectronics and Photovoltaics

EDITORS: Gerasimos Konstantatos and Edward H. Sargent
ISBN: 9780521198264
List Price: \$140.00
MRS Member Price: \$112.00
www.cambridge.org/colloidal



Biomaterials and Regenerative Medicine

EDITOR: Peter Ma
ISBN: 9781107012097
List Price: \$195.00
MRS Member Price: \$156.00
www.cambridge.org/biomaterials



Thermodynamics of Surfaces and Interfaces: Concepts in Inorganic Materials

AUTHOR: Gerald H. Meier
ISBN: 9780521879088
List Price: \$140.00
MRS Member Price: \$112.00
www.cambridge.org/meier

Enter Discount Code **MRSMEMBER** at checkout to apply the MRS Member discount.

www.mrs.org/books-textbooks

MRS OnDemand®

MRS OnDemand hosts the best presentations from past MRS Meetings, plenary and award talks, webinars, Energy Quarterly interviews and more. Increased capabilities have allowed us to capture the brightest minds from industry and academia discussing topics surrounding materials science, and provide **FREE access to MRS Members**—complete with presentation slides.



MRS OnDemand also hosts MRS TV—an interview series dedicated to news and views from MRS Meetings. Each video features a mix of well-established, popular topics as well as leading-edge research and interviews with Meeting attendees—from MRS and Kavli Prize winners and experts in the field, to first-time attendees and long-time MRS volunteers.



Presented by *MRS Bulletin*, the MRS OnDemand Webinar Series features free, live webinars through the year that provide valuable educational information on timely, interdisciplinary topics. Expert speakers deliver knowledge on a variety of cutting-edge topics, and answer questions submitted by live viewers. This design provides a great opportunity to learn while networking with other researchers from around the world.

See the *MRS Bulletin* section on page 155 for the list of 2016 Webinar Wednesdays that complement each issue's theme topic. For the most up-to-date webinar calendar, visit www.mrs.org/webinars.

From your home, office, or on the go, MRS OnDemand makes viewing important materials science content free and easy to our society and the materials community at large. **It's Your MRS, Your Way!**

www.mrs.org/on-demand



This feature of the MRS website allows you to personalize the information you receive from us—identify your particular areas of interest, register for online newsletters and email alerts (see below), change your password or email address, and more.

Email Newsletters & Alerts

MRS Members are invited to sign up for FREE member email alerts aimed at providing new materials information quickly. Below is a sampling of the emails offered.

Materials360® delivers bi-monthly “snapshots” of what’s new in the materials research community—the latest research worldwide, professional opportunities, important links and more.

MRS Table-of-Contents Alerts deliver advance table-of-contents listings for *MRS Bulletin*, *Journal of Materials Research*, *MRS Communications* and *MRS Energy & Sustainability—A Review Journal*.

Meeting Scene delivers daily summaries of technical presentations and events by on-the-spot reporters at MRS Spring and Fall Meetings.

MRS Public Affairs Alert provides occasional calls to action and/or summaries of current public policy issues affecting the materials science and engineering communities.

INTERSECTIONS—Materials Research & Science Policy offers a quarterly source of information about the intersection of materials research and government including updates on what’s happening in Washington, DC, and within the government affairs activities of MRS.

The **MRS Community Connections** newsletter is published with the goal of expanding our thinking beyond research to build an inclusive environment where all materials scientists will flourish. The newsletter represents a concise compilation of information relevant to materials scientists and engineers. The content is issued twice a year.

www.mrs.org/mymrs

materials 360 online

Materials360 Online is your **premier source for materials science news and information**, brought to you by the Materials Research Society and Cambridge University Press. Created to collect all the most important materials science news in one place, this website saves time and needless searching. Through rigorous reporting, detailed fact checking, and clear writing, our volunteers, freelancers, staff writers, and editors bring original news articles with the unique perspective of an organization devoted to the advancement of materials science. In addition, we link you to other stories from professional news sources.

www.materials360online.com

- ◆ Breaking Research News
- ◆ MRS News
- ◆ Hot Topics
- ◆ Featured Journal Articles
- ◆ Videos and Podcasts
- ◆ Education and Outreach Links
- ◆ Twitter Feeds
- ◆ And More!

CONNECT

WITH GREAT MINDS



The new and improved MRS Career Central is a one-stop shop for all your career development needs.

Hosted on our Career Central website, the new **MRS Job Board** is **free to job seekers**, serving as the first place to turn to find job openings in the materials science field. The Job Board allows quick and easy access to hundreds of industry-specific job listings, anonymous resume posting and job-alert options to meet your specific needs.

Career Fairs at MRS Spring and Fall Meetings continue to serve as forums to expand your career or your company—providing on-site job interviews, mentoring sessions, resume critiques and mock interviews.

As part of MRS Career Central, **Professional Development** opportunities are offered at MRS Meetings to help polish your career skills.

www.mrs.org/career-central



MRS on Social Media

The materials landscape is constantly changing. With new research, awards, publications and conferences announced daily, it's never been more vital to stay up to date. MRS makes it easy. Connect with fellow materials scientists from around the globe, talk with exhibitors that interest you and share thoughts with MRS staff through our powerful social media channels. Plus, you'll receive exclusive MRS content before anyone else.

Visit www.mrs.org/social-media today to view all of our social media channels.

Member Directory

The MRS Online Member Directory is a **professional networking service** available exclusively to our members. Updated regularly, it is a quick and easy way for you to search for colleagues by name, institution or geographical location.

Now you can add pictures, a short bio and links to your social media profiles, making your connections to MRS Members a personalized experience. Log on today to make sure your account is up to date!

www.mrs.org/member-directory

University Chapters

University Chapters are a vital part of MRS, **facilitating discussion between students and faculty and promoting student interest in materials science**. As a student member, the international University Chapter Program provides the opportunity to network among over 100 active Chapters from around the world, compare notes on recent activities and brainstorm with other students on new projects and issues of common concern.

www.mrs.org/university-chapters

MRS Meetings and Workshops

The Materials Research Society has always been the “great meetings Society.” In 2016, more than 13,000 members from around the world will attend MRS Meetings and Workshops, expanding their professional network of contacts through the exchange of new ideas and information. As an MRS Member, you’ll enjoy reduced registration fees for these events.



2016 MRS Spring Meeting & Exhibit

March 28–April 1, 2016 | Phoenix, Arizona

Symposium clusters:

- ◆ Characterization and Modeling of Materials
- ◆ Energy and Environment
- ◆ Electronics and Photonics
- ◆ Materials Design
- ◆ Nanotechnology
- ◆ Soft Materials and Biomaterials

www.mrs.org/spring2016



XXV International Materials Research Congress (IMRC 2016)

August 14–19, 2016 | Cancun, Mexico

Symposium clusters:

- ◆ Nanoscience and Nanotechnology
- ◆ Materials for Energy Applications
- ◆ Biomaterials
- ◆ Structural Materials
- ◆ Materials Characterization
- ◆ Synthesis and Processing

www.mrs.org/imrc2016



2016 MRS Fall Meeting & Exhibit

November 27–December 2, 2016 | Boston, Massachusetts

Symposium clusters:

- ◆ Broader Impact
- ◆ Biomaterials and Soft Materials
- ◆ Electrochemistry
- ◆ Electronics, Magnetics and Photonics
- ◆ Energy and Sustainability
- ◆ Mechanical Behavior and Failure Mechanisms of Materials
- ◆ Nanomaterials
- ◆ Processing and Manufacturing
- ◆ Theory, Characterization and Modeling

www.mrs.org/fall2016



CONFERENCE SERVICES

Because the Experience Matters

For more than 40 years, MRS has been known as a leader in scientific meeting management. Now, MRS offers its trademark talents of meeting expertise and operational infrastructure to other scientific communities in need of conference support.

MRS Conference Services offers a perfect arrangement for both sides of the collaboration—the scientific community maintains its programming autonomy while MRS provides its communications, logistics and business management forte.

Below are the MRS Conference Services events for 2016:



74th Device Research Conference

June 19–22, 2016 | Newark, Delaware



58th Electronic Materials Conference

June 22–24, 2016 | Newark, Delaware



American Conference on Neutron Scattering

July 10–14, 2016 | Long Beach, California



18th International Conference on Metal Organic Vapor Phase Epitaxy

July 10–15, 2016 | San Diego, California



5th International Conference on Metal-Organic Frameworks & Open Framework Components

September 11–15, 2016 | Long Beach, California



International Workshop on Nitride Semiconductors

IWN 2016 October 2–7, 2016 | Orlando, Florida

www.mrs.org/conference-services-upcoming-meetings

GAIN

RECOGNITION

PUBLISHING OPPORTUNITIES



Publishing venues for MRS members include *MRS Bulletin*, *Journal of Materials Research (JMR)*, *MRS Communications*, *MRS Energy & Sustainability—A Review Journal* and the new *MRS Advances*.

- ◆ To propose a theme topic for *MRS Bulletin*, or for information on guest-editor opportunities, contact the *Bulletin* editor at rao@mrs.org.
- ◆ Authors wishing to submit to *JMR* should visit www.mrs.org/jmr for complete author instructions.
- ◆ For information about submitting to *MRS Communications*, visit www.mrs.org/mrc.
- ◆ To submit a proposal to *MRS Energy & Sustainability—A Review Journal*, visit www.mrs.org/energy-sustainability-journal.
- ◆ *MRS Advances* offers opportunities to publish papers presented at MRS Meetings and other scientific and technical meetings.
- ◆ To propose new books or other publications, contact the MRS Principal Development Editor at fleischer@mrs.org.

MRS AWARDS

The MRS Awards Program acknowledges outstanding contributions to the progress of materials research, honoring those whose work has already impacted the field, as well as those whose work shows great promise for future leadership.

www.mrs.org/awards

The **MRS Fellow** honors members who are notable for their sustained and distinguished contributions to the advancement of materials research worldwide. This designation is highly selective. The maximum number of Fellows that may be appointed in each year is limited to 0.2% of the current professional MRS membership. Nominations are due August 1 of each year.

The **Von Hippel Award** is the Materials Research Society's highest honor and recognizes those qualities most prized by materials scientists and engineers—brilliance and originality of intellect, combined with vision that transcends the boundaries of conventional scientific disciplines. Nominations are due April 1 of each year.

The **David Turnbull Lectureship** recognizes the career of a scientist who has made outstanding contributions to understanding materials phenomena and properties through research, writing and lecturing, as exemplified by the life work of David Turnbull. Nominations are due April 1 of each year.

The **Innovation in Materials Characterization Award** honors an outstanding advance in materials characterization that notably increases our knowledge of the structure, composition, *in situ* behavior under outside stimulus, electronic, mechanical, or chemical behavior, or other characterization feature, of materials. Nominations are due August 1 of each year.

The **Mid-Career Researcher Award** recognizes exceptional achievement in materials research made by mid-career professionals. This annual award is intended to honor an individual who is between the ages of 40 and 52 at the time of nomination and has demonstrated notable leadership in the materials field. Nominations are due August 1 of each year.

The **Materials Theory Award** recognizes exceptional advances made by materials theory to the fundamental understanding of the structure and behavior of materials. This award is intended to honor both those who have pioneered the development of a new theoretical approach and those who have used existing approaches to provide significant new insight into materials behavior. Nominations are due April 1 of each year.

MRS CONGRESSIONAL SCIENCE & ENGINEERING FELLOWSHIPS

The **MRS Medal** recognizes an exceptional recent achievement in materials research that is expected to have a major impact on the progress of any materials-related field. Nominations are due April 1 of each year.

The **Outstanding Young Investigator Awards** recognize outstanding interdisciplinary scientific work in materials research by young scientists or engineers. The award recipients must also show exceptional promise as developing leaders in the materials area. Nominations are due August 1 of each year.

The **Kavli Foundation Early Career Lectureship in Materials Science** recognizes an early-career scientist who has made a significant contribution to the science of materials through experimental and/or theoretical research. Nominations are due April 1 of each year.

The **MRS Postdoctoral Awards** recognize postdoctoral scholars who show exceptional promise that may include, for example, excellence in scientific research, leadership, advocacy, outreach, or teaching, during their postdoc assignment. These awards are presented at each Spring and Fall Meeting.

MRS Graduate Student Awards honor and encourage graduate students whose academic achievements and current materials research display a high order of excellence and distinction. Finalists compete for Gold and Silver Awards at the MRS Spring and Fall Meetings. Applications are due approximately five months preceding each MRS Meeting.

The **Arthur Nowick Graduate Student Award**, which honors the late Dr. Arthur Nowick and his lifelong commitment to teaching and mentoring students in materials science, recognizes a Graduate Student Award finalist who shows particular promise as a future teacher and mentor. This award is presented at each Spring and Fall Meeting.

NEW MRS AWARD

The **MRS Impact Award** honors outstanding individuals who have displayed excellence in areas of science communication, education, advancing diversity, mentoring, or community engagement, which reflect the Society's pursuit to advance materials science and technology to improve the quality of life. The Award will be introduced at the 2016 MRS Spring Meeting; the first Award will be presented at the 2017 MRS Spring Meeting. Nominations are due August 1 of each year.

Decisions made by Congress, regulatory agencies and local government have profound effects on the way in which science is conducted. By keeping decision makers well informed on the current affairs of the scientific community, MRS Congressional Science and Engineering Fellows ensure the right choices are being made. **Now's your time to make a difference!**

The Materials Research Society offers materials scientists two exciting opportunities to participate in, and contribute to, the federal policymaking process, while learning firsthand about the intersection of science and policy.

During your year as a Fellow you will:

- ◆ be placed in a specific congressional office to serve as an advisor on science-related issues
- ◆ contribute widely to the effective use of materials science knowledge in government
- ◆ broaden awareness about the value of scientist- and engineer-government interaction among society members and within government
- ◆ network with more than 250 other participants of science and technology fellowship programs
- ◆ have significant freedom to follow specific topics and issues that interest you

Information and application deadlines may be found online.

www.mrs.org/congressional-fellows



BECOME

A VITAL PART



MATERIALS RESEARCH SOCIETY FOUNDATION

The Materials Research Society Foundation was created in 2012 to enhance and expand support for projects that are timely and meaningful to the materials community.

In just over three years, the Foundation has helped us to:

- ♦ expand our MRS University Chapters Program globally, now with over 100 Chapters around the world
- ♦ provide free or discounted MRS memberships for individuals working or studying in developing countries
- ♦ provide education modules on sustainable materials for elementary and middle school students with diverse ethnic, social and economic populations
- ♦ establish a new MRS Award honoring excellence in science education and outreach
- ♦ contribute to the SciBridge, where experiment kits connect African university students to US materials scientists
- ♦ and so much more!

But there is still a lot of work to do. With your help, we can fund even more exciting and innovative member-driven initiatives—from student chapter proposals, to local or regional education/outreach projects, to those with the potential to impact the materials enterprise worldwide.

To learn how you can help make a difference, or to apply for project funding, we invite you to explore the Foundation website.

www.mrs.org/foundation



Strange Matter. Green Earth.

Experience the Power of Materials for a Sustainable World—The Stuff That Matters

Strange Matter Green Earth is a new pioneering educational venture by MRS to create an international traveling science exhibition that will enable millions of people across the globe to **discover ways in which advances in materials can lead to a more sustainable future**. A team of science educators, science center professionals and materials researchers from three continents—North America, South America and Europe—is working to create an exhibition that will inform, engage and inspire exhibition attendees about how materials profoundly influence the quality of our lives and the planet. Interactive exhibit experiences and dynamic community programs will emphasize materials, from the mundane to the mysterious, and highlight ways in which materials scientists worldwide are playing a major role in a sustainable world.

Building on the incredible success of the MRS Strange Matter traveling exhibition, Strange Matter Green Earth aims to empower the world's citizens to make sustainable choices in their own lives and communities.

www.mrs.org/strange-matter-green-earth



MRS is proud to announce **Companhia Brasileira de Metalurgia e Mineração (CBMM)** as the first sponsor of Strange Matter Green Earth.

FOCUS ON Sustainability

Putting a materials spotlight on sustainability

Focus on Sustainability is a new MRS initiative designed to raise awareness of the nexus between materials research and sustainable materials practice.

Meeting the challenges of sustainable development requires an integrated approach that places materials science in the context of societal, environmental and economic drivers. In recognition of this need, **MRS is increasing its emphasis on sustainability to help members discover the valued role of sustainable materials practices to a sustainable world**, and to develop members' technical expertise and understanding of the complex interrelationships between materials science and other disciplines.

Help build an MRS community of shared practice on all things sustainable, including research, funding, education, public outreach, corporate social responsibility, and MRS meeting activities and publications.

www.mrs.org/sustainability



MRS is partnering with faculty from engineering, liberal arts and sciences and education departments at the University of Florida to develop an introductory-level course suitable for undergraduate and community college students. **This project changes the conversation about the separation of the humanities and science fields through the creation of a collaborative, interdisciplinary, project-based undergraduate course examining the impact of materials on society**. In particular, this project brings materials science and engineering studies into dialogue with the humanities.

www.mrs.org/imos

Public Advocacy

MRS strives to contribute to the development of science and technology policy by responding to, and initiating, opportunities to interact nationally and internationally with government officials as well as public and private organizations. Led by the Government Affairs Committee (GAC), these efforts have been far-reaching, consistent and unbiased, building trust and respect in Washington, DC, both on Capitol Hill and within government agencies. **Ultimately, however, the key constituency is you—the MRS Member—and GAC is working hard to make your voice heard!**

For 2016, MRS will continue to build on its accomplishments—strengthening relationships and building new ones through Congressional visits, establishing itself as a scientific resource for policymakers, extending its relationships with leadership in federal agencies, and collaborating in the U.S. and abroad with sister societies and other advocacy organizations when a larger voice for science is required.

www.mrs.org/advocacy

strange MATTER

Strange Matter is a traveling interactive exhibition where users enter the **fascinating, practical, occasionally bizarre and often beautiful world of materials science** through over a dozen hands-on experiences. Targeting 5th-8th grade students and families, two sizes of the exhibition are touring major science centers in North America and China in 2016.

The exhibition and its tour are made possible by the National Science Foundation, Dow, Ford Motor Company Fund, Intel Innovation in Education, Rio Tinto Alcan and 3M.

www.mrs.org/strangematter

Society Member Volunteers

The tremendous growth and success of our Society is the result of member input and the energetic efforts of many MRS Member volunteers. **The MRS committees and task forces offer members an invaluable opportunity to participate in, and influence profoundly, the operation of the Society.** If you have an interest in working on any aspect of MRS activity, contact volunteer@mrs.org.

www.mrs.org/get-involved



MRS recognizes that scientific and engineering communities must strive to become more inclusive, engaging all demographic groups, and that diversity drives innovation, excellence and new discoveries. The **MRS Diversity Statement** is available online.

www.mrs.org/diversity



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