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# Engineering Division

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## Engineering Division

## Dee Magnoni, Chair



The objectives of the Engineering Division are to provide an association for those having an interest in library and information science as they apply to engineering and the physical sciences and to promote the use of materials and knowledge for the benefit of libraries and other educational organizations.

Spring has finally arrived, and the SLA Annual Conference is almost here. Listed below are the CE courses, programs, business meetings and the tour for the Engineering Division. When planning your conference, make sure you sign up for our ticketed events. Due to site security, you must register for the Patent Tour in advance. Ticket swapping cannot be accommodated for this specific event. We have many wonderful programs, and I am excited for the conference.

Our vendor partners have been wonderful, and I want to thank each of them for their support. Please take time to extend your appreciation to the following partners when you see them in Washington, D.C. We're also sure to have additional partners to thank during the conference.

AIAA  
ASTM  
Elsevier Engineering Village  
IEEE  
SPIE  
Thomson TechStreet

If you haven't registered yet, then sign up today!  
I look forward to seeing everyone in D.C.

Dee Magnoni  
dianna.magnoni@olin.edu

### **It Can Be Easy to Be Green: An Overview of Green Engineering and Its Resources**

Saturday, 13 June 2009

8:00AM - 12:00PM

*Ticketed Event #225*

*Price: US \$199 member / US \$299 non-member / US \$199 student member*

This instructor-led, interactive course will provide participants with an understanding of green engineering, its benefits and unique considerations, and resources for continued learning. Will benefit any professional committed to environmental sustainability, especially through the implementation of engineering methodologies. Course includes a discussion of trends, industry standards and a list of compiled resources.

*Audiences: All attendees*

*Speaker(s): Katherine Gabrysch, Senior Analyst, The Cadmus Group, Inc.*

### **Researching U.S. and International Standards Information: Methods, Sources, Secrets**

Saturday, 13 June 2009

1:00PM - 5:00PM

*Ticketed Event #325*

*Price: US \$199 member / US \$299 non-member / US \$199 student member*

Need to locate international standards in a timely manner? Confused by the world of the standards development process? What is harmonization? This course will present resources and tools to identify and retrieve information related to US and international standards. Both the content of the tools and specific search techniques will be covered. Learn strategies and tricks for sourcing and tracking standards as well as tips for standards licensing negotiations.

*Difficulty Level: Level 2*

*Audiences: All attendees*

*Speaker(s): Karen Kreizman Reczek, Senior Manager, Bureau Veritas*

### **Engineering Division Board of Directors**

Saturday, 13 June 2009

5:00PM - 7:00PM

The Engineering Division Board meeting will be followed by a Dutch treat dinner at a local restaurant. This is an open meeting, and the restaurant location will be announced before the conference. Reservations for dinner will be necessary. *Please e-mail me at dianna.magnoni@olin.edu if you'd like to join the group.*

### **Engineering Division Aerospace Section Business Meeting and Awards**

Monday, 15 June 2009

7:00AM - 8:30AM

*Ticketed Event #600*

*Price: US \$15 member / US \$15 non-member / US \$10 student member*

The Aerospace Business meeting includes the announcement of the George Mandel Memorial Award winner. Breakfast is included.

*Moderated By: Gale Harris, Associate Manager, Company Research Library, Lockheed Martin Aeronautics Company*

*LEAD SLA Unit: Aerospace Section of Engineering*

Division

*Vendor Partner:* American Institute of Aeronautics and Astronautics (AIAA)

### **Standards Update**

Monday, 15 June 2009

9:00AM - 10:30AM

The annual standards update will provide information on what is happening in the world of standards and the latest news from the vendors. Participants will have the opportunity to give feedback to organizations developing standards. There will also be a question and answer session.

*Moderated By:* Lee Pharis, Exponent

*LEAD SLA Unit:* Engineering Division

Petroleum & Energy Resources Division

*Vendor Partners:* IEEE; Thomson Reuters, Health Care and Science

### **Science & Engineering Resources 101**

Monday, 15 June 2009

9:00AM - 10:30AM

This year in 101, get an overview of resources for alternative energy and agriculture. See how they fit into the life of an engineer or scientist. Our experts then introduce the best resources that help in discovering, obtaining, and working with these types of resources.

*Speaker(s):* Mary Frances Lembo, Pacific Northwest National Lab; James E. Manasco, University of Louisville

*LEAD SLA Unit:* Engineering Division  
Science-Technology Division

*Vendor Partner:* Elsevier

### **Building Your Green Library**


Monday, 15 June 2009

1:30PM - 3:00PM

More and more libraries are using "green" technologies in their construction and operations. The speakers will address how to do it right.

*Speaker(s):* Anca Novacovici, President, Eco-Coach; Rebecca Vargha, Librarian, School of Information and Library Science, University of North Carolina

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*LEAD SLA Unit:* Environment & Resource Management Division  
Arch, Bldg Eng, Const & Design Caucus;  
Engineering Division

### **Mission to Mars: NASA Engineers and Info Pros Set Sights on Red Planet**

Monday, 15 June 2009

3:30PM - 5:00PM

The red planet has long lived in the imaginations of sci-fi writers, engineers and scientists. Now there's a concrete plan to send astronauts to Mars. This mission would not be possible without the vision, innovation and cooperation of many disciplines, including engineers and information professionals. Come listen to NASA personnel discuss the manned mission to Mars, and plan to be inspired!

*Moderated By:* Gale Harris, Associate Manager, Company Research Library, Lockheed Martin Aeronautics Company

*Panelist(s):* Jaime Scibelli, Science Librarian, Wyle IS / NASA Glenn Research Center; Dr. Roger Launius, Chair, Division of Space History, National Air & Space Museum, Smithsonian Institution; Alan Montroso, Science Librarian, Wyle IS / NASA Glenn Research Center

*LEAD SLA Unit:* Aerospace Section of Engineering Division

*Vendor Partner:* American Institute of Aeronautics and Astronautics (AIAA)

### **Annual Diversity Leadership Development Breakfast**

Tuesday, 16 June 2009

7:00AM - 8:30AM

*Ticketed Event #700*

*Price:* US \$25 member / US \$25 non-member / US \$25 student member

*AN ENDANGERED SPECIES: THE BLACK MALE LIBRARIAN* by Julius C. Jefferson, Jr. Despite the small numbers of Black librarians, there is a rich but untold or forgotten history of Black American's contributions to the profession. Mr. Jefferson will examine the history and contributions that Black male librarians have made in the Nation's intellectual and cultural past and present and discuss strategies to encourage Black males to pursue careers and leadership positions in library and information science fields. In addition, Mr. Jefferson will highlight issues Black males encounter in the workplace and discuss strategies for the recruitment and retention of Black male librarians.

*Speaker(s):* Julius C. Jefferson, Jr., Information Research Specialist, Library of Congress

*LEAD SLA Unit:* Science-Technology Division

Business and Finance Division; Diversity Leadership Development Program Committee; Engineering Division; Leadership and Management Division; Solo Librarians Division

### **Engineering Division Business Meeting and Awards Celebration**

Tuesday, 16 June 2009

11:30AM - 1:00PM

*Ticketed Event #780*

*Price:* US \$30 member / US \$30 non-member / US \$30 student member

In addition to our Annual Business Meeting and Awards recognition, the division will be hosting a discussion on the "Synergy between academic engineering libraries and corporate/NGO/gov engineering libraries." We want to build bridges and celebrate the connections between our library types, and everyone is invited to participate in the discussion.

*Moderated By:* Dee Magnoni, Library Director, Franklin W. Olin College of Engineering

*LEAD SLA Unit:* Engineering Division

*Vendor Partner:* Thomson TechStreet

### **The Future of Transportation**

Tuesday, 16 June 2009

1:30PM - 3:00PM

Transportation is at a critical crossroads, facing major challenges with infrastructure, financing, the environment, and security. This session will focus on these issues, looking at the connections between these areas, and the information infrastructure that is needed to support developments in the field.

*Moderated By:* Amanda Wilson, Director, National Transportation Library

*LEAD SLA Unit:* Transportation Division  
Engineering Division

*Sponsors:* BNA

### **Science of Imagination**

Tuesday, 16 June 2009

1:30PM - 3:00PM

Can biochemistry and neuroscience really answer what "makes" imagination? What other scientific disciplines are involved? What are the intangibles? This is another in the Sci-Tech series, "Science of ..."

*Speaker(s):* M. Layne Kalbfleisch, Dr., Krasnow Institute for Advanced Study and College of Education and Human Development, George Mason University

*LEAD SLA Unit:* Science-Technology Division  
Biomedical & Life Sciences Division; Engineering Division

**All Sciences Poster Session and Reception**

Tuesday, 16 June 2009

5:00PM - 6:30PM

All Sciences Posters

*Moderated By:* Donna Cromer, Librarian,  
University of New Mexico

*LEAD SLA Unit:* Physics-Astronomy-Mathematics  
Division

Biomedical & Life Sciences Division; Chemistry  
Division; Engineering Division; Food, Agriculture  
& Nutrition Division; Science-Technology  
Division

*Vendor Partners:* Cold Spring Harbor Laboratory  
Press; Knovel; Nature Publishing Group;  
Springer

**Play: Creative Tools for the Technical  
Librarian**

Wednesday, 17 June 2009

7:00AM - 10:00AM

*Ticketed Event #905*

*Price:* US \$20 member / US \$20 non-member /  
US \$15 student member

Start your morning with a continental breakfast,  
learn about creativity and innovation  
as competencies, and enjoy some  
good old-fashioned play. I: Play is  
one tool in the emerging technical  
librarian competencies of innovation  
and creativity. Learn about some  
available toys & additional innovation  
& creativity tools and plan your own  
play space at work. II: Explore the  
creativity kit that each attendee will  
receive.

*Speaker(s):* Stephen Abram,  
SirsiDynix

*LEAD SLA Unit:* Engineering  
Division  
Petroleum & Energy Resources  
Division

*Vendor Partners:* American Institute  
of Aeronautics and Astronautics  
(AIAA); Wolters Kluwer Health -  
Ovid

**Tour: United States Patent and  
Trademark Office**

Thursday, 18 June 2009

8:00AM - 4:30PM

*Ticketed Event #1015*

*Price:* US \$25 member / US \$25 non-  
member / US \$25 student member

Take the mystery out of the patent  
process while viewing some of the  
earliest US patent items/inventions.  
We'll start the day with a continental

breakfast. An overview of the patent process  
and how Information Professionals can add value  
to their customers during this process will be  
provided. USPTO personnel will then talk through  
the process for a patent application when it is  
submitted to the USPTO for approval or rejection.  
Attendees will be on their own for lunch in Old  
Town (recommendations will be provided). The  
afternoon will include a tour of the main STIC  
USPTO library and museum, the Public Search  
room, as well as time in the store.

*SPECIAL NOTE:* All tours will depart promptly  
from the L Street entrance of the Convention  
Center's South Building. Please check in with the  
Capitol Services Inc (CSI) staff 15 minutes prior  
to tour departure from the Convention Center.

*Speaker(s):* Mark Huff, Supervisory Patent  
Examiner, United States Patent & Trademark  
Office; Martin Finston, Patent Attorney, Alcatel-  
Lucent

*LEAD SLA Unit:* Engineering Division  
Information Technology Division; Legal Division;  
Physics-Astronomy-Mathematics Division

*Sponsors:* IEEE ❖

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