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Engineering Division

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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

My focus for this issue is to excite you about the upcoming SLA Annual Conference in June. Not only is it in the cosmopolitan city of Toronto, we hope the Engineering Division programming will inspire you as well. As Dave Hook and I worked on Engineering Division and Aerospace Section conference planning over the past year or so, we tried to put together nuts-n-bolts sessions that would appeal to newbies, as well as strategic, thought-provoking sessions for seasoned information professionals. This is topped off with a good dose of networking and social opportunities to give us all a chance to get to know and learn from each other (and simply have some fun). Not all of you may have seen this already on the SLA-ENG discussion list, so here is a summary of Engineering Division-specific programs:

Engineering Division Programming for the 2005 SLA Annual Conference in Toronto

SUNDAY, JUNE 5, 2005

8:00am - 12:00noon

CE COURSE - Systems Thinking for Librarians Part 1 of 2 : Basics and Personal

Approaches

Ticketed Event #335 Price: For Part 1 only, price is \$199 mbr/\$299 nmbr (Register for Parts 1 & 2 Combo at the discounted rate of \$299 mbr/\$399 nmbr, which also includes lunch)

*What is systems thinking? How does it impact a manager's interaction with all levels of their organization, including direct reports and exterior clients? How does acceptance of systems thinking change an individual's work decisions and philosophies? Participants in this course will be introduced to the basics of systems thinking, provided definitions and grounded in the process for the session(s). Personal behaviors and thought processes that support an individual's adaptation of a systems approach to work will be reviewed. Exercises to help participants explore their own behaviors and help their staff members understand their own readiness to adopt systems thinking philosophies will be presented. The course is based on the text *The Fifth Discipline Fieldbook: Strategies and Tools for Building a Learning Organization* by Peter M. Senge.*

Engineering Division, Biomedical & Life Sciences Division

1:00pm - 5:00pm

CE COURSE - Systems Thinking for Librarians Part 2 of 2 : Understanding Organizational Influences

Ticketed Event #360 Price: For Part 2 only, price is \$199 mbr/\$299 nmbr (Register for Parts 1 & 2 Combo at the discounted rate of \$299 mbr/\$399 nmbr, which also includes lunch)

*How can systems thinking tools and tenets affect the strategic planning process? How does the library interact with its organization? Learn how to respond more strategically to the goals and work of your organization. A case study from which to explore the relationship between systems thinking, learning organizations and information/knowledge work will be presented. Advantages to adopting this approach and the organizational barriers that may be encountered when trying to elicit change through applying a systems approach will be discussed. Key systems thinking tools such as diagramming of organizational feedback and the identification of archetypes will be covered. Learners will be challenged to use these tools to see connections to their own environments and management styles. The course is based on the text *The Fifth Discipline Fieldbook: Strategies and Tools for Building a Learning Organization* by Peter M. Senge.*

Engineering Division, Biomedical & Life Sciences Division

11:30am - 1:00pm

Vendor Update: Document Delivery for Science & Technology

Hear about new services from vendors of document delivery services who emphasize their scientific and technical holdings.

Science & Technology Division, Engineering Division

2:00pm - 4:00pm

Engineering Division and Aerospace Section Outgoing Board Meeting

All 2004-2005 Engineering Division Executive and Advisory Board members are required to attend this wrap-up meeting for the Division year. Other Division members are welcome and encouraged to attend!

Engineering Division, Aerospace Section

MONDAY, JUNE 6, 2005

7:30am - 9:00am

Aerospace Section of the Engineering Division Business Meeting & Award Breakfast

Ticketed Event #410 Price: \$5

Join your Section colleagues for our annual business meeting and presentation of the George Mandel Memorial Award, sponsored by AIAA and Dr. David Mandel.

Aerospace Section of the Engineering Division

11:30am - 1:00pm

Standards Roundtable

Join us for an update on what is happening in the standards world, the latest vendor news, plus a question and answer session. Learn about vendors' plans for web access to standards. Find out the latest information and give feedback to Standards Developing Organizations.

Engineering Division, Science & Technology Division

3:30pm - 5:00pm

Technology Petting Zoo

Join us for this interactive session to learn about the future of small technologies and experience, hands-on, several gadgets and devices. Some of the latest innovations in computing will be showcased and demonstrated.

Information Technology Division, Biomedical & Life Sciences Division, Engineering Division, Physics-Astronomy-Mathematics Division, Science & Technology Division

8:00pm - 11:00pm

Science Fiction, the Future, and Libraries: an IT, Engineering, and Sci-Tech Division Open House

Science fiction has plenty to tell us about the future of technology and libraries. Join us to hear from three of Canada's leading science fiction authors, Robert J. Sawyer, Karl Schroeder, and Robert Charles Wilson. There will be time for questions, a book signing, as well as the usual networking time and refreshments afterward.

Information Technology Division, Engineering Division, Science & Technology Division

TUESDAY, JUNE 7, 2005

7:30am - 9:00am

Engineering Division Business Meeting & Awards Breakfast

Ticketed Event #525 Price: \$10

Join your Engineering Division colleagues for a full breakfast, networking opportunities, annual business meeting, and presentation of the Elsevier Engineering Information/SLA Engineering Librarian of the Year and INSPEC Travel Stipend Awards.

Engineering Division

11:30am - 1:00pm

Finding Properties Information

Come learn where you can find properties and materials information. Speakers will provide general background about how to approach the properties inquiry and how to formulate a search strategy, including coverage of specific free and fee-based information resources to actually answer the question.

Chemistry Division, Engineering Division, Materials Research & Manufacturing Division

1:30pm - 3:00pm

Open Access: Evaluating Quality and Participation

OK, we've gotten with the program, and we know what Open Access is. Let's take the next step. How do open access journals perform with citation analysis? How does self-archiving affect readership? How do publishers determine their business models? What are the most effective ways to engage faculty attention and participation in OA publishing?

Science & Technology Division, Biomedical & Life Sciences Division, Chemistry Division, Engineering Division, Physics-Astronomy-Mathematics Division

6:30pm - 8:30pm

All Sciences & Engineering Reception at the SteamWhistle Brewery

Ticketed Event #610 Price: \$15

Join us at the SteamWhistle Brewery for hors d'oeuvres and the local brew. It's an easy walk over to the popular landmark. A brewery tour is included in your ticket, and the shop will be open!

Science & Technology Division, Chemistry Division, Engineering Division

WEDNESDAY, JUNE 8, 2005

7:30am - 9:00am

Engineering Division and Aerospace Section Incoming Board Meeting

All 2005-2006 Engineering Division Executive and Advisory Board members are required to attend this kick-off meeting for the Division year. Continental breakfast will be served. Other Division members are welcome and encouraged to attend!

Engineering Division, Aerospace Section

11:30am - 1:00pm

Science & Engineering Resources 101: Focus on Technical Reports, Patents, Standards, and Codes

This year in 101, get an overview of what technical reports, patents, standards, and codes actually are, and 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 materials.

Engineering Division, Science & Technology Division

1:30pm - 3:00pm

Self-Archiving, Information Repositories, and Knowledge Management: what can corporate and academic libraries learn from each other?

Both corporate and academic libraries create repositories for their institution's internally-generated information. Academic libraries call it self-archiving and corporate libraries call it knowledge management. Are they the same thing? A panel of librarians from various institutions presents what different libraries can learn from each other about internal information management.

Aerospace Section of the Engineering Division, Science & Technology Division

4:00pm - 6:00pm

Sci-Tech and Engineering Happy Hour

Sci-Tech and Engineering Division members, you're done! Let's adjourn to a local pub for some final networking before we say farewell to another great conference. Dutch treat. Location TBA.

Science & Technology Division, Engineering Division

THURSDAY, JUNE 9, 2005

10:00am - 12:00noon

Tour of the Merrill Collection of Science Fiction, Speculation, and Fantasy

Join us for a tour of this special collection at the Linda H. Smith Branch of the Toronto Public Library. You may stay after the tour for an informal walking tour of bookstores in Toronto. Transportation is on your own. Pre-registration is required by emailing Stacey Greenwell, at stacey@uky.edu. The deadline for registration is May 1, 2005.

Information Technology Division, Engineering Division, Science & Technology Division

Get more details about our speakers, sponsors, other conference programming, plus registration and Toronto information at <http://www.sla.org/content/Events/conference/ac2005/index.cfm>. Please let me know if you would be willing to commit to taking digital photos for a particular event from the ones listed above, or to write up a paragraph or two summarizing one of our sessions. Or perhaps you'd like to volunteer to be on call for "logistical support" (e.g., help me track down extra chairs, find an AV expert, or simply be a calming influence if Murphy's Law exerts itself!). It's going to be a terrific conference—don't miss it!

Membership Chair Cheryl Hansen has been keeping us informed of new members in the division, and this issue features new member Crystal Kurtzberg. One of our longtime members (and former Chair of the Engineering Division), Carol Reese, recently published a follow-up employment survey of civil engineers. Congratulations, Carol! Take a look:

Reese, Carol (2004). "Employment history survey of ASCE's younger members—2003 follow-up survey." *Leadership and Management in Engineering*, 4(4), 113-140.

The original survey results can be found at: Reese, Carol (2003). "Employment history survey of ASCE's younger members." *Leadership and Management in Engineering*, 3(1), 33-53. (<http://scitation.aip.org/leo/>)

By the time you read this, Chair-Elect Kathy Nordhaus and Aerospace Section Chair-Elect Marcia Rodney will have started the program planning process for the 2006 SLA Annual Conference in Baltimore. Your suggestions for the conference are welcome, so please send your ideas to Kathy at k-nordhaus@raytheon.com.

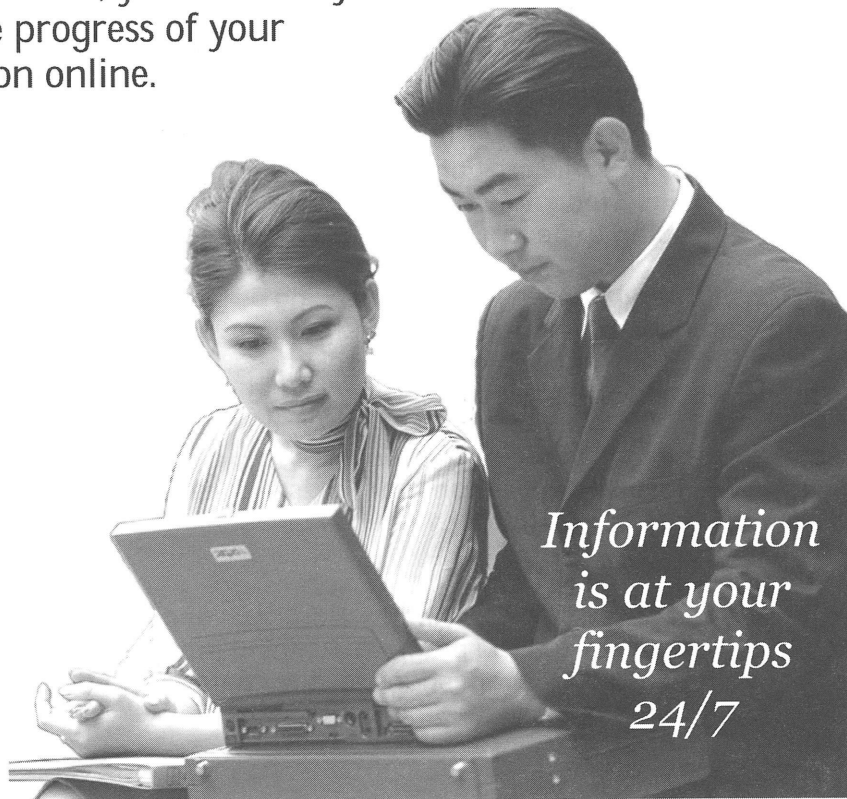
See you in Toronto,
Mary
maryds@seas.upenn.edu
(215) 898-8170

P.S. Keep up with the latest Engineering Division news by bookmarking Web Editor Jeanne Trimble's rockin' new web site at <http://www.sla.org/division/deng/> and by subscribing to the SLA-ENG discussion list at <http://www.sla.org/division/deng/EngList.html>. ❖

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Take a Minute With a New Member

In this and future issues we are going to randomly choose an Engineering Division member to highlight. Please let me know if you would like to have yourself highlighted or have someone to suggest. Contact information: Cheryl A. Hansen, Membership Chair, Engineering Division, Engineering Systems Inc., cahansen@esi-il.com.

Crystel Kurtzberg is a new member of the Engineering Division, having joined us this fall. Crystel deals with engineering records management for Northrop Grumman-TASC in Virginia. She has been with TASC for two years now but also did legal records management for another firm before joining TASC. Crystel likes dealing with engineers, she has two brothers who are engineers and her son is graduating from Virginia Tech this year. She also told me that she worked for awhile at the NASA Space Station Program

Office in Reston, VA. It was a fascinating place to work and fueled her interest in working with engineers.

One of the challenges that she currently faces is educating her users about the electronic world and what can and can't be done and or found. That is something which all of us deal with constantly. Much has gone electronic but not everything, especially older information.

She hasn't been able to attend an SLA conference for a while but hopes to join us in person when we visit Baltimore in 2006. Please welcome Crystel to our division. ❖

Cheryl A. Hansen
Past Chair & Membership Chair
Engineering Division
cahansen@esi-il.com



Please welcome the following new members to the Engineering Division

Donna M. Beck
Carnegie Mellon University
University Libraries
Pittsburgh, PA
donnab@andrew.cmu.edu

Michelle Breen
Analog Devices Inc.
Raheen, Limerick, Ireland
Michelle.breen@analog.com

Cheryl A. Cove
Raytheon
Cheryl_a_cove@raytheon.com

Frances F. Davis
Tuskegee University
School of Engineering Library
Tuskegee, AL

Patrick Dennin
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Crystel Kurtzberg
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crystal@esi-il.com

Margaret Lafferty
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Science & Engineering Library
Minneapolis, MN

Sharon Mehl
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