

December 2012

Engineering Division

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Recommended Citation

Enrici, Pam; Davis, Sara; and Morley, Susan D. (2012) "Engineering Division," *Sci-Tech News*: Vol. 66 : Iss. 4 , Article 5.
Available at: <http://jdc.jefferson.edu/scitechnews/vol66/iss4/5>

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News from the Engineering Division

Engineering Division

Pam Enrici, 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.

This is my last column as current chair of the Engineering Division. It has been a busy two years (the first as Chair-Elect) and then this year as as Chair and as “accidental” program planner. Next year will be less intense as past-chair but I’ll still be around. First of all, I would like to thank the other members of the Executive Board for going above and beyond to perform their duties! Katherine Breininger, Past-Chair, Penny Sympson, Chair-Elect, Mary Whittaker, Treasurer, and Daureen Nesdill, Secretary. It has been a great pleasure working with the Aerospace Section Chair, Barbara Williams, Past-Chair, Adrienne Washburn, and chair-elect, Mary Strife. For the members of the Advisory Board, I can’t heap enough praise for the incredible job they have done: (in alphabetic order) Patricia Aspinwall, Lynn Bernard, Diane Brenes, Dale Copps, Sara Davis, Betty Edwards, Susan Morley, Bonnie Osif, Beth Thomsett-Scott, Abby Thorne, and Bob Tolliver. Congratulations and thank you for stepping up to Andy Shimp (who will become Chair-Elect of Engineering), Edna Paulson (who will become Chair-Elect of Aerospace), Giovanna Badia, our incoming Secretary. Sara Thomson has been our liaison with the SLA Board and had excellent words of advice. Without all of you, the Division could not have functioned!

Please watch for the next issue of Sci-Tech News, our listserv and the SLA website for news on next year’s annual conference. It will be held in beautiful San Diego, California from June 9-11. The conference will be a day shorter than this year’s and so there are going to be jam-packed days and evenings. Plan to come to San Diego for the conference: you’ll be able to network, learn things, meet with various vendors and just have a good time while you are doing it. Planes, trains, and of course, cars, can get you to San Diego and back home again. Personally, I intend to fly there and then decompress by taking the train home.

SLA is a-changing. Every organization needs to change in order to become better. So when you see something about changes that SLA is

proposing, let your voice be heard. Let your officers hear your viewpoint. Even the smallest sounding issue could have major ramifications. The more viewpoints we hear, the better. Do you have an idea? Let us know!

This is your Division, so if you have any questions, thoughts, praises or problems, let us know. Your Board normally meets once a month, so it is easy to get something into the agenda. As chair, Penny Sympson (psympson@wje.com) will be putting the agenda together.

The technology our profession uses has changed since I first began working in my high school library. From no computers (I think I pre-date OCLC) to almost everything online – our profession has changed. With all the electronic access that we have through SLA, we can take formal classes, attend a seminar, or get an update on a particular subject. We are really lucky that we can take advantage of all the technology. For those of us, like me, who are geographically isolated from our Chapter, this really makes it possible to learn more and interact with others, and yes, be chair of a Division.

Finally, I’d like to talk (yes, again) about volunteering. SLA, and obviously our Division, can’t operate without volunteers. I realize that not everybody is in a position to volunteer hours of their time, but whether you have a few hours per year or much more time that you can spare out of your busy life (I know it rarely comes out of “just” work), please do volunteer. You can contact any board member to find ways that you can help. You will gain far more than you give. I don’t think I am unique in that respect – I know I’ve gained far more than I’ve given. So thank you all!

Signing off for the last time.❖

Pam Enrici, Chair
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Standards Update 2012 - Tuesday, July 17, 2012

Jointly submitted by Sara Davis and Susan Morley

Moderator: Susan Morley, Chair, Engineering Division Standards Committee.

Presenters: Andy Knoff, SAE International; Betsy Kilmer, ASCE; Carolyn Fennell, Eastview; John Pace, ASTM International; Leanne Lowery, ANSI; Michael Rovins, ASME; Patti Ensor, CSA Group; Rosemary Mather, BSI Global; Steve Noth, IHS; Stuart Bowyer, SAI Global; Todd Fegan, Techstreet.

This year's session received 12 presentations in total, including 10 speakers plus 2 written submissions from various standards organizations. Here is a summary from each:

ANSI - Leanne Lowery - ANSI was established in 1918 and oversees the process of standards writing. They are currently working on energy efficiency standards and also representing the US to both ISO and the IEC. They would like to help get the word out about the needs for standards and their value and are working on sharing that information thru their standards portal.

ASCE - Betsy Kilmer - ASCE was established in 1852 and currently has around 140,000 members in the organization. They've got about 40 different committees working on standards and their Codes & Standards Committee is working on an overview of the state of standards. Their standards are available thru February, MADCAD, ANSI, IHS, & Techstreet. They will be launching e-book standards on their own platform later on this year.

ASME - Michael Rovins - ASME was established in 1880 and they are introducing an Intro to ASME Standards self-paced online course soon. You can currently see what it's about at their website. The big news is that the BPVC is going to move to a 2 year cycle with no addenda. The next issue of the BPVC will be in 2013. ASME does recommend that you keep the older versions of the Code that you have. They have now published B31.3, B31.8 and Section I of the Code in Spanish with more to come. They have a Training & Development business for you, both online and in person so come and check it out!

ASTM - John Pace - ASTM was established in 1898 and beginning next year will have no DRM attached to their product. They have begun to do Video Value Add to their standards and have done this with approx. 100 of their standards so far. They are available for custom training for corporations; they also have bundling of their training materials available. They are finishing up their XML conversion project, which means HTML on the front end with a pdf back end. Their taxonomy is now complete and they are translating it into both Spanish and Portuguese. They are also working on translating their standards into Spanish & Russian. The launch of green engineering standards is a new project for them along with 2 new journals coming later this year.

BSI Global - Rosemary Mather - BSI is the UK national standards body and are pan disciplinary in nature. They have somewhere between 31,000 to 55,000 standards in their collection. They offer pdf retail thru IHS, Techstreet and ANSI. They have had some staff changes this year so there is now a representative for BSI on both the East Coast of the US and on the West Coast. Euro codes are available on an XML platform which allows for comparison with former codes. Perinorms (database) jointly maintained with AFNOR (France) & DIN (Germany) is available and can be used for discovery and equivalencies.

CSA Group - Patti Ensor - CSA has been around for 92 years now and this past March, they introduced a new brand, new logo and new tagline for CSA, come to the website and check it out. They are beginning an XML conversion project but this will not include retrospective conversion. And they are only doing English versions currently but will be doing French conversions at some point in time. They are heavily involved in a carbon neutral program which involves approxi-

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—**Randy Reichardt**, Librarian, University of Alberta

NEW
40,000 papers added back to Vol. 1 (1962)



Astronomy



Biomedical Optics



Optoelectronics & Communications



Defense & Security



Energy



Lasers



Nano/Micro Technologies



Sensors

mately 54 different programs. In 2012, the Canadian Electrical Code changed to a 3 year revision cycle. And finally, they provide eSATS materials which help apprentices pass their exams.

Eastview - Carolyn Fennell - Eastview supplies Russian standards plus industry norms for all state bodies. Some have machine translated abstracts and Eastview will supply translations, if the translation is not already available.

SAE International - Andy Knoff - They are approx. 100 years old and provide standards for the automotive and aerospace industries. They currently have about 10,500 current and 15,000 historical standards available. Their Digital Library is their flagship product but they will be moving to a new Global Technology Library. They will be introducing topic products. They currently provide standards only in pdf format with additional content as needed. Their #1 project right now is looking at XML conversion. They are also looking into apps but are not fully there yet and are also exploring the academic world for new customers.

SAI Global - Stuart Bowyer - Established in 1949, they are a 3rd party aggregator, based out of Australia. Several years ago they purchased ILI Infodisk, and their database now contains over a million standards in it. Technology is impacting the consumption of standards and they are looking at content management for use in the digital age. New platform to be announced later 2012.

Techstreet - Todd Fegan - They were originally established in 1994 and then purchased by Thomson Reuters in 2004. They are also a 3rd party aggregator providing standards and tools to help with those standards. New standards organizations to Techstreet include the Laser Institute, ITU, IEST, CEA, American Dental Assoc, IMO, D&B, and the Steel Door Institute. They also provide services to the SDOs including e-commerce. They have added redlines to ASHRAE, AWS, IEEE, MSS, and TAPPI. Their latest platform news is the launch of a new platform for subscriptions that includes enhanced tools for searching, use of filters, enhanced alerts and a new home page for administrators. They also use DRM for tracking how the standard is used.

IHS - Steve Noth - June 21 was the launch of Standards Expert 5.0 which included changing the search engine completely, added "did you mean" feature, increased searching speed and provide new administrative tools. 5.0 also works on the iPad and iPhone. They have introduced new redlines offline and new profile management tools along with changes to their historical packages. They have added 12 new societies; INOR, CLSI, CEI, etc and are using intrasource as new intranet content. They have opened Customer Care centers in both the UK and Malaysia. And finally have purchased global Spec, Cyber Regs, & Invention Machine.

IEEE - could not attend due to other obligations, but submitted the following information. "IEEE 3000 Standards Collection™ : Each of the different IEEE Color Books deals with a different aspect of electrical power production, distribution, and utilization in industrial and commercial power systems. The IEEE Color Books have been renamed & reorganized into the IEEE 3000 Standards Collection.™ This approach splits up the 13 Color Books into smaller, more narrowly focused technical standards. The revision, balloting, and approval process will be more timely and power engineers will be able to more quickly zero in on the relevant information they need. IEEE Introduces Groundbreaking Standard for Body Area Networking: IEEE 802.15.6™ 2012 helps enable a next generation of intelligent implantable devices, and provides a variety of new opportunities in healthcare and personal entertainment. Now on iTunes- IEEE Standards "Power and Energy Dictionary" & "Wireless Dictionary" Apps. Power & Energy Dictionary provides access to over 3,500 IEEE power & energy standards terms and definitions with complete source citations. The Wireless Dictionary app provides an opportunity to gain in-depth understanding of IEEE wireless standards terms & definitions, not found in any other single source! Compatible with iPhone, iPod Touch, iPad and Android. "Submitted by Michael J. Spada, Director of Strategic Marketing, IEEE.

New to the industry & Standards Update session is U.K. firm **Catalysts Ltd.**, They are in the process of creating a website of new product and safety standards / regulations. "Catalysts have identified a need for an online service providing access, on a single website, to information about new product and safety standards and standards under modification. The need lies with designers, manufacturers, importers, distributors and retailers. The website content will be split into separate areas and these will be as follows: SEARCHING for STANDARDS ; SEARCHING for information about STANDARDS being amended; STANDARDS ALERTING SERVICE ; STANDARDS ADVISORY SERVICE; STANDARDS NEWS SERVICE" Submitted by Nigel Phelps, Managing Director - Catalysts Ltd.

Standards Technology group, MADCAD, Standards.org were also present at the session, however did not present.

Several comments/requests from the audience present included a request to provide a membership category to librarians that would provide a discount on standards purchased from that organization, help in getting Brazil to understand that their standards need to be translated into English.

SDO who's who:

Acronym	Full Name	Web site
ANSI	American National Standards Institute	www.ansi.org
ASCE	American Society of Civil Engineers	www.asce.org
ASME	American Society of Mechanical Engineers	www.asme.org
ASTM	ASTM International	www.astm.org
BSI	British Standards Institution / BSI Global	www.bsigroup.com
CSA	CSA Group	www.csagroup.org
IEEE	Institute of Electrical and Electronics Engineers	www.ieee.org
SAE	SAE International	www.sae.org

Aggregators/Resellers Who's Who

Acronym	Full Name	Web site
Catalysts	Catalysts Ltd	www.catalysts-ltd.com
Eastview	Eastview Information Services	www.eastview.com
IHS	IHS (Information Handling Services)	www.ihs.com
SAI Global	SAI Global Standards Infobase	www.saiglobal.com
Techstreet	Thomson Reuters Techstreet	www.techstreet.com