

Division newsletter



American Society for Engineering Education

DIVISION: ENGINEERING LIBRARIES

EDITOR: Hugh Franklin
(503) 737-3260
FAX (503) 737-3453

DATE: May 1990

CONTENTS:

- . Final ELD Session Schedule for Toronto 2
- . Conference Extras 5
- . Thinking Ahead for 1991 6
- . ASEE Centennial 1993 7
- . Accreditation News 8
- . First Homer Bernhardt Award 8
- . ASM Card Can Help in Toronto 9
- . Case of the Missing SAE Papers 9
- . Missing Members (from ELD Directory) 10

Looks like a lot of people have been working hard to make Toronto
and ELD a success ! !

FINAL ELD SESSION SCHEDULE FOR TORONTO IN JUNE

Monday, June 25

1241 **Open Forum-Library Update**
8:30 -10:15 AM Discussion Group, Engineering Libraries
Division
Moderator: **Cecilia P. Mullen**, San Jose State University
Update members on developments in your library during the past
year. Discussion groups will be formed to further consider key
concerns over lunch.

1641 **New Technologies for Information Delivery**
4:30 -6:00 PM Demonstration, Engineering Libraries Division
Co-Sponsor: Educational Research & Methods, Information
Systems
Moderator: **Steven Gass**, Stanford University
Representatives from Engineering Information, Inc. and University
Microfilms, Inc. demonstrate and discuss the development of their
new engineering workstations for searching and journal literature.
Bonnie Ion, University of Microfilms International
UMI's IEEE/IEE Publications On Disc Project
Jim Ashling, INSPEC
UMI's IEEE/IEE Publications On Disc Project
John Regazzi, Engineering Information, Inc.

Tuesday, June 26

2241 **The Publishing Explosion: It's Impact on**
Engineering Libraries and Their Communities
8:30 -10:15 AM Seminar, Engineering Libraries Division
Co-Sponsor: Information Systems
Moderator: **Steven Gass**, Stanford University
Kate Herzog, Head of the Science and Engineering Library at SUNY
Buffalo, presents the results of a 12 month study conducted at the
Engineering & Mathematical Science Library of UCLA (where she was
formerly the Head) which investigated the patterns of use of 3,000
journal titles owned by the Library. Discussion on the
implications of the findings is encouraged.

Tuesday, June 26 (cont'd)

Julie Gelfand, University of California, Irvine
The Interdisciplinary Nature of Engineering Literature
Kate Herzog, SUNY-Buffalo
Journal Usage and Obsolescence in Engineering
Heinz Barshall, University of Wisconsin-Madison

2541 **Materials Properties Databases**
2:30 -4:15 PM Panel, Engineering Libraries Division
Co-sponsor: Materials Division
Moderator: **Charlotte A. Erdmann**, Purdue University
Information on materials properties is found in a variety of publications and computer databases which are often difficult to locate. Speakers will address the needs of users, available databases on mainframes and microcomputers, and the forthcoming Materials Properties Data Network. (This session will be held jointly with Session 2564 - **Computer Applications in Materials Science and Engineering**).
Dr. G. Kenneth Ostrum, STN International
Plastics Information on STN International
Nancy Burgeson, D.A.T.A. Business Publishing
Selector: A Personal Computer Contained Materials Database
Abbe Scheiner, PLASPEC
The Complete Plastics Information Resource...Materials Selection and More

2641 **Engineering Libraries Division Annual Business Meeting**
4:30 -6:00 PM
Moderator: **Dorothy E. Byers**, University of Cincinnati
annual business meeting open to all division members

2741 **Engineering Libraries Division Dinner**
7:00 -10:00 PM Dinner, \$21
Moderator: TO BE ANNOUNCED

Wednesday, June 27

3141 **Engineering Libraries Division Executive
Committee Meeting**
7:00 -8:30 AM Breakfast, \$11
Moderator: **Vladimir Borovansky, Arizona State University**

3541 **Technical Communications in Aeronautics**
2:30 -4:15 PM Symposium, Engineering Libraries Division
Co-sponsor: Aerospace Division
Moderator: **Steven Gass, Stanford University**
Thomas Pinelli of the NASA Langley Research Center will present
the results of his survey of the technical communications practices
of aeronautical engineers, scientists, and information
intermediaries. A panel consisting of faculty and information
specialists will comment and react to the findings of Pinelli's
research.
Tom Pinelli, NASA Langley Research Center
Technical Communication in Aeronautics
John Kennedy, Indiana University
Technical Communication In Aeronautics
Mary J. Arnold, Ohio State University
Robert Young, University of Tennessee Space Institute

3641 **Engineering Libraries Poster Session**
4:30 -6:00 PM
Moderator: **Billie Joy Reinhart, Cleveland State University**
Informal exchange of current initiatives and
special projects in engineering libraries.

Vladimir Borovansky, Program Chair, Arizona State University

1990 CONFERENCE EXTRAS

Elaine Granatstein, Head of the Engineering Library at the University of Toronto, is kindly planning two special events for ELD'ers.

Monday, June 25 at 6:30 PM

A tour of her library following our 4:30 session. We have allowed 30 minutes to get from the conference hotel to campus.

We will form groups for dinner after the tour. There are many interesting places to eat near the Engineering Library. Information on restaurants will be passed out at the Open Forum Monday morning and after the afternoon session at 6 PM. If you want to join others for dinner, be sure to be at the 4:30 ELD session, or meet us at the UT Engineering Library for the tour.

To facilitate transportation between campus and downtown, be sure to buy a train pass for the conference.

Tuesday, June 26 at approx. 8:30 PM

Elaine Granatstein has lined up an after-dinner speaker named **Marshall Clinton** from the University of Toronto Library who will talk about a hypermedia project. This should be both entertaining and informative.

Those interested in seeing and trying the hypermedia program before the talk will be able to do so during the Engineering Library tour Monday evening.

Dorothy Byers, ELD Chair

Dorothy Byers has the following new BITNET address:
BYERS@UCBEH.BITNET.

Dorothy Byers has the following new FAX number: 513/556/2654.

Thinking Ahead

Session Topics and Papers for the 1991 New Orleans Conference

The theme of the 1991 ASEE Annual Conference in New Orleans is "Challenges of a Changing World." Information management, storage, retrieval, dissemination and instruction are continually subject to change and challenge. And you in the Engineering Libraries Division are the experts in these matters. As ELD's Program Chair for the '90-'91 year, I am eager to hear your suggestions for session topics for our New Orleans meeting. The theme is broad enough to allow us to include almost anything we are adapting, adopting or solving. Please bring your ideas with you to the Toronto Conference where we will hold our planning meeting to block out our 1991 conference sessions.

On Bitnet's PACS-L interest group forum for librarians, I've noticed some amazing activities in discussion, such as the use of electronic bulletin boards associated with your OPACs, patron use of library bibliographic formatting software, a librarian-designed file server and user interface for searching and downloading remote bibliographies, and a librarian-designed expert system to aid users in selecting the correct CD-ROM reference tool on a network of about twenty of them. Do we need sessions on any of these topics? What if all these services were unified at the same library? Do we need a session on long range planning? Are there other topics you need to learn from your ELD colleagues and other experts out there? Is there any topic for which you would like to moderate a session or which you would like to present as part of a session?

While our old casual manner of presenting discussion topics or moderating meetings still may be the most popular ELD session style, new standards of review have been established by the ASEE, and a process of review created by our Chair, Dorothy Byers and the Executive Committee. Papers submitted for the conference have the opportunity of being published in the Conference Proceedings as refereed papers. This becomes an opportunity for you to get a certifiable refereed publication by presenting at our conference which could help at retention, promotion and tenure time. Think about it. I'm Looking forward to seeing you at Toronto or hearing from you by mail.

Jay Waddell, ELD Program Chair, '90-'91
University Library
Cal Poly
San Luis Obispo, CA 93407
Bitnet: DU378 AT CALPOLY

ASEE CENTENNIAL CELEBRATION 1993!

Don Marlowe and Bill Lebold (Purdue) have both contacted me regarding ELD participation in the 1993 celebration. They are seeking

- histories of engineering schools
- histories of societies regarding education in the field of the society
- histories on engineering education
- other historical materials
- librarians who will develop bibliographies of the above
- librarians who will take on as a project distributing a data sheet to all engineering schools and compiling the data
- librarians who can develop archives for engr educ materials.

They have two writers who will compile a centennial tome on engineering education: Terry Reynolds from Michigan Tech (formerly U. of Wisconsin) and Bruce Healey.

Please contact me if you are interested in participating, or if you have materials that would be of help. There will be a committee meeting Monday, June 25 at 1:30 at the Sheraton in Toronto. Location to be announced. This is a good chance for us to participate in ASEE using the skills we know best!

Dorothy Byers, ELD Chair

NEWS FROM THE ELD ACCREDITATION COMMITTEE

The Committee drafted "Recommendations for Changes to the ABET Criteria". The proposal consisted of a rationale and recommendations for changes in the wording of specific criteria, following the mandate given at the June 1989 ELD business meeting. The "Recommendations" would add 'an ability to find and evaluate pertinent engineering literature' as part of curricular objective and content; the need for a 'literature review' as an element of the design process; and 'skill in bibliographic documentation for a variety of information sources' as part of the competency in written communication. This proposal was submitted to the ASEE Executive Board and approved without changes during their January meeting. The proposal has now been forwarded to the Engineering Accreditation Commission's Criteria Committee for review.

Special appreciation goes to **Russ Dean**, Professional Interest Council IV Chairman, for getting our proposal onto the agenda of the ASEE Executive Board in time for their January meeting.

Copies of the proposal will be available at the Toronto meeting.

Russ Powell
Jay Waddell
Karen Andrews, Chair

OUR FIRST HOMER BERNHARDT AWARD

Please Join ELD members at the PIC IV Luncheon in Toronto (event 1417, Monday 12:30-2:00, \$13) to celebrate the announcement of our first member to receive the Homer Bernhardt Award for Distinguished Service. We will also honor the award winner at our Division Banquet.

Paige Gibbs, Southeastern Massachusetts University

ATM CARD CAN HELP IN TORONTO

If those who are planning to attend the ASEE conference have a bank ATM card which can operate on the PLUS system they could save line-ups at the banks or currency exchange. United States ATM cards that interface with this system can be used to withdraw in Canadian currency. Most businesses are reluctant to accept U.S. money and if they do it is at a very disadvantageous exchange rate. There are many Toronto downtown locations for automatic bank teller machines. Most of these are for banks that are part of the PLUS system. Some banks may charge a fee for this service but Paige did not have such a fee on her monthly bank statement and the statement recorded the Canadian withdrawals in United State currency at the bank exchange rate.

Paige Gibbs, Southeastern Massachusetts University

ATTENTION HOLDERS OF SAE TECHNICAL PAPERS

Paper nos. 871155 - 871299 are not available as part of the technical paper set. These papers constitute the Proceedings of the Fourth International Pacific Conference on Automotive Engineering, held in 1987 in Melbourne, Australia. The proceedings are available as a three volume set for \$210 from the SAE.

Linda Musser
Asst. Engineering Librarian
Pennsylvania State University

MISSING NAMES IN ELD MEMBERSHIP DIRECTORY

Are there other people out there whose names got dropped from the new 1990 (I don't know the date because I didn't get one) ELD membership directory who really didn't drop ASEE? If our headquarter's slowness in processing membership payments caught some others, maybe we could spend a few minutes at our annual meeting addressing the associated problems and solutions.

In the meantime my entry in the 1988 directory is still current, i.e.

Cecilia P. Mullen
Engineering Librarian
San Jose State University
One Washington Square
San Jose, CA 95192
408-924-2813
TFCAA2@CALSTATE.BITNET
FAX 408 924-2701