

September 2007

**2007 – 2008 ASME
Baton Rouge, LA
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roger@pecllc.biz

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Henry Bell
design@henry-bell.com

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tcshelton@mmtinc.com

Newsletter

Todd Drummond, P.E.
tdrummond@sigmacg.com

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Henry Bell
design@henry-bell.com

Secretary

Open

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*Volunteers Welcome-
Your help is needed to
continue the success
of the Section.*

Notes from the Chair:

The 2007-2008 ASME Program year will start with our annual shrimp boil next week at Poor Boy Lloyds. Our speaker will be Mr. Tom Shelton of Metallurgical and Materials Technologies, Inc.

I would like to thank last year's officers for their time and efforts: Kevin Kosh (Chair), Tom Shelton (Treasurer), Ron Sammonds (Secretary), Todd Drummond (Newsletter), and Henry Bell (Webmaster).

The ASME Baton Rouge Section needs a Secretary for this year if anyone is interested.

Our schedule of speakers for the upcoming year looks very interesting. Later in the year we may have a professional speaker for one meeting. We still have a couple of open dates if anyone is interested or has any ideas. Please feel free to let us know what speakers and/or subjects you enjoyed so that we may continue to focus on areas of interest.

Roger Marcomb, PE
Chair – BR Section

Reminder for all members: Please update your e-mail address at <https://members.asme.org/myasme/login/myasme.cfm> if you are changing addresses. This helps us keep in touch with you and distribute meeting reminders. E-mail addresses will always remain confidential per ASME policy.



ASME News

Baton Rouge, Louisiana Section

September 2007

ASME 2007-2008 Meeting Schedule

Date	Activity	Location	Topic	Speaker
9/11/07	September Meeting	Poor Boy Lloyds	Failure Analysis: From a Metallurgical and Mechanical Engineering Perspective	Tom Shelton

September Meeting Announcement

The next scheduled meeting of the Baton Rouge Section of ASME will held on Tuesday September 11th at Poor Boy Lloyds, 205 Florida St, Baton Rouge, LA. Phone (225) 387-2271. Boiled Shrimp will be served.

The social begins at 6:30 pm. Presentation and dinner begins at 7:00 pm.

Please RSVP by noon on Friday September 7th to Tom Shelton at 751-6876 or online at <http://sections.asme.org/batonrouge>

Please indicate if you are a PE with your reservation. A certificate for one PDH will be awarded to each attendee.

Early Career Engineer Essay Competition

The Old Guard Committee of ASME invites you to participate in an Early Career Engineer Essay Competition. The competition was developed to engage early career engineers in communicating advice and guidance based on your own personal/professional experiences and your relationship with ASME to new ME/MET graduates. The winning essay will be posted on the ASME Early Career website and the author will receive \$1,000 and a lifetime ASME membership.

For complete details visit:

http://www.asme.org/Communities/EarlyCareer/Old_Guard_Early_Career.cfm

Student Chapters

Louisiana State University ASME Chapter

Visit LSU on the web at: <http://me.lsu.edu/asme/>

ASME Web Site Now Translates in Spanish and Chinese

In continued efforts to serve its growing international membership and forge an online presence consistent with new global initiatives, ASME has launched two language translation enhancements on its Web site, **ASME.ORG**

The ASME Web site can now be translated into the Spanish and Chinese languages, in addition to English. Spanish and Chinese-speaking visitors can now receive their respective language translations by clicking on the national flag of either Spain or China located at the top right side of the homepage.

" The new auto translator on the ASME Web site supports the Society' s outreach and commitment to the international engineering community, which is a key to expanding our initiatives aimed at global markets," said Sam Y. Zamrik, president of ASME. " We will be adding other language translations including French, Russian, Japanese and Arabic as ASME develops the Web site to better serve its global members and customers."

ASME.ORG provides portals to an array of engineering knowledge, including information on technical publications, conferences, codes and standards, continuing education opportunities and other programs of value to the engineering and technology community.



Advancing Your Career With ASME PPC

The ASME Professional Practice Curriculum (PPC) is an online resource designed to help you advance in the engineering profession by providing guidance and resources on subjects that complement an engineers technical skills.

The PPC consists of 42 modules on topics ranging from product development and writing cost proposals to team building and negotiation. The PPC also provides information on alternative engineering career paths such as patent law, marketing and sales, and entrepreneurship.

To get started, please visit www.professionalpractice.asme.org.

Renew ASME Membership Early for Your Chance to Win a 42" Plasma TV!

Find out how you could become eligible to win a 42" Plasma TV simply by renewing your ASME membership by Sept. 1 (for 2 entries to win) or renew online by Oct. 1 and receive three entries. All paid renewals must be received on or before Oct. 1. For more details visit

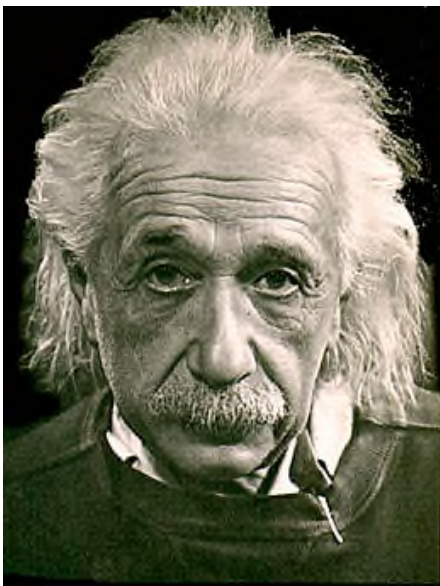
http://www.asme.org/Membership/ReferMember/Renew_Early_Win_42_Plasma_TV.cfm or call

ASME Infocentral at 1-800-843-2763.

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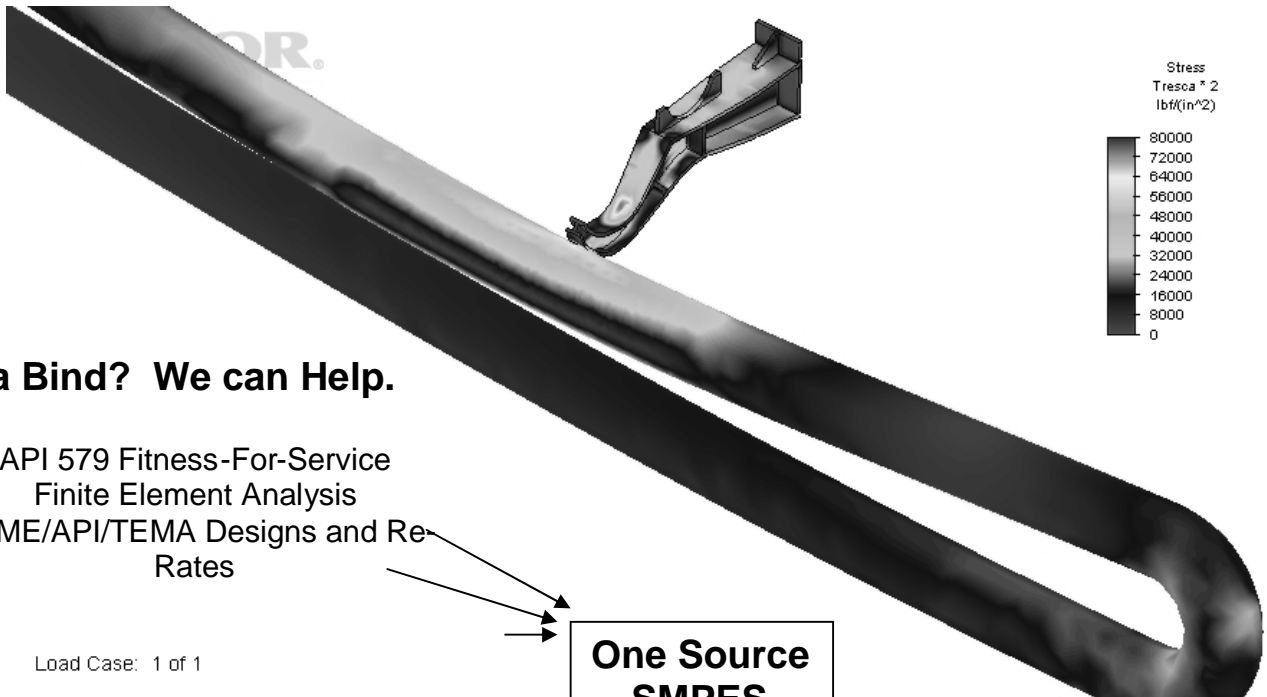
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September 2007

A four-day career enhancement program for early-career engineers, Nov. 9–12, 2007 Seattle Sheraton, Seattle, Washington (*held in conjunction with the ASME International Mechanical Engineering Congress & Exposition*)

Nov. 9: Innovation Showcase

Become inspired at the I-Show, where 10 top collegiate student teams present their technological innovations to a judging panel of successful innovators, industry experts, venture capitalists, and intellectual property specialists for the ultimate reward: industry recognition and seed funds to move onto the next step in commercialization.

http://www.asme.org/Governance/StrategicManagement/Initiatives/Innovation_Showcase_IShow.cfm

Nov. 10: Invention to Venture Workshop

Designed for the science, engineering, and technology communities, the 'I2V' is a one-day "entrepreneurship boot camp" that teaches technology entrepreneurship basics, helps build networks, and provides a framework for moving ideas forward. Topics include idea validation, intellectual property management, marketing, building the team, creating a business plan, and financing your idea.

http://www.asme.org/Governance/StrategicManagement/Initiatives/Invention_2_Venture_Workshop.cfm

Nov. 11: Early Career Forum & Fair

The Early Career Forum & Fair provides an outstanding opportunity to learn the skills necessary to get on the fast track of your engineering career. Industry experts offer key advice on how to advance in both technical and management areas. You have the opportunity to ask specific questions about your career goals.

http://www.asme.org/Communities/EarlyCareer/Forum/Seattle_ECF_Fair_Program.cfm

Nov. 12: Early Career Development Series

The Early Career Development Series (ECDS) offers five dynamic sessions covering an array of engineering topics. The 2007 ECDS will focus on such pivotal topics as alternative energies, patents and intellectual property, aerospace design, engineering entrepreneurship, and government funding for engineering research.

http://www.asme.org/Communities/EarlyCareer/Early_Career_Development.cfm

For complete details, updates, and to register for the Early Career Forum & Fair and other early career programs, visit

http://www.asme.org/Communities/EarlyCareer/Forum/Seattle_ECF_Fair_Program.cfm.

September 2007

Universities Need Your Valuable Perspective!

Applications are being accepted through **Oct. 15** for ASME/ABET Program Evaluators.

Program Evaluators contribute to the continuous improvement of Mechanical Engineering, Mechanical Engineering Technology, or related degree programs by evaluating them against a set of criteria related to faculty, facilities, curriculum, and other key program areas. In doing so, you will be helping to assure the quality of undergraduate degree programs and the students graduating from those programs. Serving on an assessment team for a degree program is very professionally and personally rewarding and a great way of supporting the future advancement of the engineering profession.

Desired Qualifications:

- Demonstrate an interest in undergraduate education.
- Demonstrate desired competencies outlined in ABET's Competency Model
- Have at least one degree in mechanical engineering, mechanical engineering technology, or a closely related discipline. Graduate degree preferred.
- 10+ years of work experience. Management experience a plus.
- ASME member or willingness to become a member prior to applying to serve as an evaluator

To complete an application and for more information, please visit
http://www.asme.org/Education/College/ABET/Become_Evaluator.cfm

ASME is committed to increasing the range of valuable perspectives that comes from having a diverse cadre of program evaluators. As such, we especially encourage minorities, women, and engineers working in industry or government to apply. Contact Amy Bentow, manager, Education, at bentowa@asme.org or 212-591-7880 with additional questions.

NEW LSU COURSE - FALL 2007

“Fatigue Crack and Fracture”

ME 7953 Section 4

Tuesday/Thursday 4:30 to 6:00

3129 Patrick Taylor Hall (formerly CEBA)

Instructor: Dr. Mehdy Sabbaghi an

A large number of failures in current civil and industrial settings are due to development of fatigue cracks as a result of repeated, and particularly, reversible stresses. Perhaps the tragic accident involving the recent collapse of the Mississippi River Bridge in Minnesota is a good reminder to all designers to be particularly alert for fatigue failure potential. Contrary to some lay understanding that fatigue failure is unpredictable, there are techniques to design a system or a component to have a finite or infinite life, as the circumstances may demand. Furthermore, if for any reason a fatigue crack develops, that may not necessarily be the end of the life for that component. There are analytical approaches to predict the remaining safe and useful life of the cracked component.