

Management Division e-Update

September 2008

The Management Division e-Update is back for 2008-09. We received a very positive response with the bi-monthly e-Updates last year, and plan to produce a monthly e-Update this coming year. Please continue sharing your comments!

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1. Welcome from the Chair

Dear Colleagues,

Happy Labor Day and the official start of the new school year! It is amazing how quickly yet another summer has flown by. By all means, the summer of 2008 will be remembered for a long time – China hosting an impressive Summer Olympics in which the world witnessed the awesomeness of Michael Phelps and Usain Bolt. We won't soon forget the very historic Presidential race that continues to unfold and take new twists and turns every day. It has been a memorable summer on all fronts, especially on the personal side, as I wed my beautiful bride, Lauren Rathmann, who serves as the Secretary/Treasurer of the Management Division.

The past year has been a triumphant one for the Management Division. A productive winter retreat resulted in ambitious goals and an enthusiastic team of officers who are undertaking the biggest Management Division challenge in years – developing the Global Engineering Management Conference (GEMC). Scheduled on September 14-16, 2009 in Dallas, TX, the inaugural GEMC will be the pinnacle event for the Management Division, tackling today's global management challenges. With an ambitious goal of 200 attendees, the innovative new conference is targeting engineering front line and middle managers who wish to develop new skills, expertise, and networks in a changing global environment. Mark your calendar and stay tuned for coming details on the exciting program and special events.

Entering the new year, the Management Division brings back an experienced group of officers for their second term. With a strong team and focused agenda, 2008-09 promises to be another tremendous step forward for the Management Division. We hope to inspire you, our membership, to volunteer this year in any capacity, big or small, to help us achieve our goals. The GEMC committees are actively seeking motivated volunteers who have innovative ideas and want to be a part of something great. Please contact

me to join one of the following exciting committees: Marketing/Promotional, Special Events, Exhibits & Sponsorships, and Post-Conference Product committees.

Thank you for your continuing participating and loyalty to ASME. As the summer season comes to a close, the night air starts to cool, and football graces TV screens across America, I wish each of you a very happy and healthy start to the new academic year.

Graciously,



Howard Berkof
Chair
ASME Management Division
berkofh@asme.org
585.259.5150.

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2. About the ASME Management Division

We have a new vision statement, mission statement, and strategic goals! Check out the Management Division poster presentation from LTC to learn about our new goals and share with us your thoughts: <http://management.myasme.info/>

Vision

To be the premier organization and catalyst for the advancement of engineering management practice!

Mission

We will promote the art, science, and practices of engineering management. Our programs and services will enable our customers to achieve their highest leadership potential.

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3. Management Division 2008-09 Executive Board

I am pleased to welcome back the Executive Team for their second year of two year terms. There is one notable addition, as Ted Aanstoos, long-time Management Division officer, has accepted the 1st Vice Chair position. Ted has been a tremendous asset to the Division for many years, serving as organizer and Chair of the Engineering & Technology Management Track at Congress for several years, and currently co-Chairing the Program Committee for the Global Engineering Management Conference. Ted is an ASME Fellow and is on the faculty in Mechanical Engineering at The University of Texas at Austin, where he is also completing his PhD in public policy. He will serve as Chair of the Management Division next year. Please join me in congratulating Ted for his great accomplishments and continued efforts for the Division.

In addition to Ted, we bring back an outstanding group of Executive Officers:

Chair: Howard Berkof, berkofh@asme.org

1st Vice Chair: Ted Aanstoos, anstoost@asme.org

Secretary/Treasurer: Lauren Rathmann, lauren_rathmann@yahoo.com

2nd Vice Chair: Jen Jewers, jewersj2@asme.org

Website/Publications: Catherine Q. Lengsfeld, lec5@asme.org

Past Chair: Stephen Long

Programs: Steven Lustig

E&TM Group Leader: John Bozewicz

ASME Staff: Thomas E. Wendt, P.E., EMCP, wendtt@asme.org

ASME Staff: Jacinta McComie-Cates, mccomiej@asme.org

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4. Global Engineering Management Conference

Driven by changes in the ASME Congress and National Manufacturing Week, our division and sister divisions in the Engineering & Technology Management Group have decided to develop a brand new ASME conference - the Global Engineering Management Conference (GEMC).

Tackling today's global management challenges, GEMC is intended to be the international event bringing together mid-career engineering managers and practitioners from various industry sectors. The focus will be on the transfer of knowledge from best-in-class organizations with an emphasis on hands-on/experiential learning. GEMC will create technical and economical value for those who participate by developing an optimized conference structure, with time designed for learning, professional and social networking. This will be accomplished through technical programming, educational courses, exhibits and special activities, all within an affordable venue.

To make this vision a reality, we need the help of many volunteers. The GEMC committees are actively seeking motivated volunteers who have innovative ideas and want to be a part of something great. Please contact Howard Berkof at berkofh@asme.org or (585.259.5150) to join one of the following exciting committees: Marketing/Promotional, Special Events, Exhibits & Sponsorships, and Post-Conference Product committees.

Mark your calendar and stay tuned for program and registration details in future e-Updates on the developing Global Engineering Management Conference, September 14-16, 2009 in Dallas, TX.

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5. 2008 ASME International Mechanical Engineering Congress & Exposition

"Engineering a Better World"

**Boston, Massachusetts
October 31 – November 6, 2008**

<http://www.asmeconferences.org/congress08/>

Sheraton Boston Hotel

39 Dalton Street
Boston, MA 02199
Phone: (617) 236-2000

www.starwoodhotels.com **Deadline for all reservations is October 7, 2008.**

The Exposition & Technical program will be held at the Hynes Convention Center.



**Innovation Showcase
Friday, October 31, 2008**

After reviewing thirty-two submissions, a judging panel selected the top ten collegiate teams to move forward and compete in the 2008 ASME I•Show. Striving to produce the next “big idea,” these students have developed technologies and innovations with enthusiasm and commitment. They’re eagerly ready for the next step: product assessment and commercialization.

At the ASME I•Show on Oct. 31, the following teams will “pitch” their product to a judging panel of industry experts, media, successful entrepreneurs, and Intellectual Property specialists to gain industry recognition and access to over \$20K in seed funds.

- Baylor University – *Converting Coconuts Into Value Added Products*
- Johns Hopkins University – *Head Impulse Test Device*
- Johns Hopkins University – *SurgyPack*
- Massachusetts Institute of Technology – *Robopsy: Inexpensive Medical Robotics*
- Pennsylvania State University – *Mashavu*
- Rensselaer Polytechnic Institute – *Automated Landmine Removal*
- University of California, Berkeley – *Advanced Affordable Solar Water Heater*
- University of California, Berkeley – *Berkeley Electro-Coagulation Arsenic Remediation (BEAR)*
- University of California, San Francisco – *Titan Medical*
- Virginia Military Institute – *The Extremely Low Frequency Seismic Detector*

Go to www.asme.org/events/ishow for team details and further information.

**Early Career Development Forum (ECDF)
Sunday, November 2
8:30 AM - 5:30 PM**

Join other early career engineers at the Early Career Development Forum that will provide first hand knowledge on professional and technical information on issues relevant to your career. This years' event will feature senior-level engineers focusing on key trends, opportunities and expectations in the engineering field.

<http://www.asmeconferences.org/Congress08/ECF.cfm>

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6. Engineering Management Certificate International (EMCI)

<http://www.engineeringcertification.org/>



EMCI, or Engineering Management Certification International, is a certification program that both facilitates and maintains competence in engineering management among qualified engineers, scientists and technologists. Spearheaded by the American Society of Mechanical Engineers (ASME™) in cooperation with the American Society of Civil Engineering (ASCE™), The American Institute of Chemical Engineers (AIChE™), the American Institute of Mining, Materials, and Petroleum Engineering (AIME™), and the American Society of Engineering Management (ASEM™), EMCI develops and maintains a "Body of Knowledge" (EMC-BOK™) for certification in global standards and best practices for engineering managers.

The EMC-BOK and the EMCFT™ and EMCP™ exams are now the standard by which to evaluate engineers' knowledge and skills in managing activities and allocation of resources in an engineering, science, and/or technologically driven business environment.

EMCI programs are based on uniform, globally administered examinations that evaluate an engineer's knowledge and skills in planning, organizing and directing technological activities and resource allocation. These examinations are three hours in length and composed of 150 questions derived from major engineering management subject areas comprising the Engineering Management Certification-Body of Knowledge, or EMC-BOK™. There are currently two EMCI examinations administered worldwide in English, Spanish, and Mandarin Chinese.

EMCI examinations are delivered through a computer-based format online at Prometric test centers worldwide. Paper-based administrations may also be arranged for high-volume institutional participants.

7. Continuing Education Institute

<http://www.asme.org/Education/Courses/>

MANAGING PEOPLE

- [**The New Engineering Manager: Moving from Technical Professional to Manager**](#)
September 15 - 16, 2008, Las Vegas, NV
- [**Engineer as Coach**](#)
September 17 - 18, 2008 Las Vegas, NV
- [**Leading Individuals and Engineering Project Teams**](#)
October 6 - 7, 2008, Chicago, IL
- [**Research and Development Management**](#)
November 10 - 12, 2008, Orlando, FL
- [**Negotiation Techniques for Engineers**](#)
November 13 - 14, 2008, Orlando, FL
- [**Developing Conflict Resolution Best Practices**](#)
November 20 - 21, 2008, San Diego, CA

ENGINEERING MANAGEMENT

- [**Intensive Engineering Management Preparation Course**](#)
October 8 - 10, 2008, Chicago, IL

MANAGING PROJECTS

- [**TRIZ The Theory of Inventive Problem Solving**](#)
October 6 - 8, 2008, Chicago, IL

- [**Project Management for Engineers and Technical Professionals**](#)
November 17 - 19, 2008, San Diego, CA
- [**Conceptual Development and Capital Cost Estimating**](#)
November 17 - 18, 2008, San Diego, CA
- [**Managing Projects Combo Course**](#)
November 17 - 20, 2008, San Diego, CA
- [**Project Evaluation: Operating Cost Estimating and Financial Analysis**](#)
November 19 - 20, 2008, San Diego, CA
- [**Preparing for the Project Management Professional Certification Exam**](#)
November 20 - 21, 2008, San Diego, CA
- [**Project Management for Chemical Engineers**](#)
November 20 - 21, 2008, San Diego, CA

LEGAL ISSUES FOR ENGINEERS

- [**Professional Responsibility for Engineers**](#)
November 12 - 13, 2008, Orlando, FL

Online Courses also available: <http://www.asme.org/Education/Courses/>

REGISTER NOW.

Member and early bird discounts: Use Code: WE0250

Contact: infocentral@asme.org, 1-800-843-2763

8. Links / Resources / Publications

ASME Engineering Management Certification International: <http://www.engineeringcertification.org/>

2008 ASME Annual Meeting: <http://www.asmeconferences.org/annualmeeting08/>

Center for Engineering Entrepreneurship & Innovation:
www.asme.org/Communities/Entrepreneur

IEEE Innovation Institute: www.innovation-institute.org.

IEEE Entrepreneurs Village: www.ieeeusa.org/careers/entrepreneurs

American Society for Engineering Management: www.asem.org

American Management Association: www.amanet.org

International Association for Management of Technology: www.iamot.org

Project Management Institute: www.pmi.org