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Serving Engineering Managers Worldwide



ASEM eNews

August 2018

President's Note

Exciting times are ahead!

As you enjoy this edition of the ASEM eNews, please take note of the resources that are available to enhance academic programs and opportunities for sponsorship. I am so excited about our October conference. The agenda is full of great opportunities to explore various topics in engineering management and expand upon topics that are quite familiar to many of us. So, if you haven't registered, please do so. You don't want to miss this exciting chance to learn, collaborate, and network.



We have two great industry tours planned during the conference. If you haven't registered, don't wait, these tours will certainly pique your interest and add to your knowledge base.

Hope to see you there!

Register now for ASEM's 2018 International Annual Conference



Make plans now to join us in Coeur d'Alene, Idaho for the 2018 IAC! The theme this year is "***Bridging the Gap Between Engineering and Business***", and will be hosted by the [University of Idaho](#) at the [Coeur d'Alene Resort and Conference Center](#).

To register for the conference visit <https://www.xcdsystem.com/asem/attendee/index.cfm?ID=6SmGdSD>

While at the IAC, you will want to be close to the action and stay at the conference venue. Please visit <http://asem.org/2018-IAC-Lodging/> for more information, and to secure your room for a great rate!

~ Wednesday, October 17, 2018 ~

Industry Tours

Tour 1: Chilco Mill - Athol, Idaho; \$20 per participant

50 people max. Depart from CDA Resort Lobby at 12pm. Return by 3pm.

Tour this 248-acre facility, located just north of Coeur d'Alene, Idaho, to see a technologically advanced mill producing up to 280 million board feet of lumber per year. Dimensions range from 2×4 through 2×12 up to 20-foot lengths. Customers include major home centers, construction suppliers and retailers across North America and the globe.



Tour 2: Innovation Den - Coeur d'Alene,

Idaho \$20 per participant

Depart from CDA Resort Lobby at 2:15pm or 2:45pm (2 groups of 20). 1-Hr tours.

Demonstrations will include: bipedal robots with multiple sensors to allow for interactivity. Their capabilities include human like joints powered by servos. Additionally, our student designed LED “Goofy glasses” that are featured at the U of I Football halftime shows will be available.

Participants will be exposed to robotics, optics, and applied subjects in Computer Science to make connections to real world applications.

Our robotics laboratory will be demonstrating how to use a robot for complex tasks. We will discuss how it works and then our friend Baxter the Robot will be making coffee!

Reservations should be made through your [conference registration form](#). For more information about each tour, please visit: <http://asem.org/2018-Conference-Info>

ASEM's Academic Partnership Program will be Great for Your Department!

Overview

Some departments and programs have the need to coordinate membership enrollment of large numbers of students related to such activities as student chapters or class activities. As a result, student membership registration can be complicated. The primary issues often involve university financial policies and difficulty in collecting checks and similar logistics. To facilitate this process, the society has developed the “Academic Partnership Program” to simplify larger volumes of student membership registrations and related funds management.

Based on a fixed fee, the program allows an academic institution to facilitate a given number of individual student memberships on a large scale with minimal paperwork.

Program Details

Based on the needs of programs of various sizes, three partnership levels have been developed, to allow flexibility in supporting student members.

Academic Partnership Levels

- **Level 1 Academic Partnership:** Up to 25 students \$ 500
- **Level 2 Academic Partnership:** Up to 50 students \$1,000
- **Level 3 Academic Partnership:** Up to 250 students \$2,000

Program operational steps are described below:

- When a department or college, joins this program, the partnership runs for the next 12 months from the time of sign up, or when the partner wants it to begin. For instance, a program may pay over the summer and begin in the fall semester, running the entire academic year.
- The academic partner is provided an access code and students go directly to the ASEM web site and register using the code, or provide names and email addresses of students they would like to have in the bundle. The code will be good for a 12 month period or until the specified number has joined. Student memberships last the length of the partnership.
- When the memberships are filled, the academic partner contact will be notified. Lists of members can be furnished, as needed.
- Each academic partnership prime contact receives a professional membership.

How to Participate:

Ready for a Great Competition?

Gather your brightest students and join in on the 11th Annual Engineering Management Student Case Competitions. Teams of students in Engineering Management and related fields compete to solve complex cases in engineering and technology management and present results. These teams come from various universities and are chosen based on their ability to analyze problems, develop feasible solutions, and effectively present results and recommendations. Find out details at <http://asem.org/Student-Case-Competition>.

Academic Sponsorship Bundles Available Now!

Now is the time to reserve your Academic Sponsorship Bundle for the International Annual Conference in Coeur d'Alene! Now is the time for academic programs to support ASEM and highlight your academic program. The bundle includes the following benefits for \$1,000:

- Logo on International Annual Conference (IAC) website with link to program for full year
- Logo in the conference booklet
- University banner displayed at conference (*sponsor provides 3'x5' banner*)
- Recognition signage at the opening reception
- Program table provided for recruitment, literature, etc.
- Literature inserted in welcome bag

Please check the [conference sponsorship page](#) for other options or contact us with questions at asem-hq@asem.org.

Congratulations!

We congratulate the following people to their new leadership positions with ASEM.

- Jim Schreiner, ASEM Secretary
- Peter McKenny, ASEM NW Regional Director
- John Richards, ASEM At-Large Director
- Ruwen Qin, ASEM Treasurer (Effective 2019)

Thank you to all that took the time to vote! Perhaps you may be considering a position with ASEM? Contact asem-hq@asem.org.

Build Engineering Management into Your Curriculum

Many program advisory boards are requesting that basic business and management materials be included in technical and engineering programs. Although this is typically not an issue in EM oriented programs, traditional engineering, technology, and computer science programs often have a challenge. To address this issue, ASEM developed a set of over [1,000 instructional PowerPoint slides](#) supporting the use of the Engineering Management Body of Knowledge (EMBOK) in the classroom. This allows programs to initiate, with minimum preparation, a 1-3 credit course in Engineering Management. Several of these courses have been introduced by EM programs as “elective courses” for other engineering and technical disciplines on campus.

Member Survey Distributed

Please watch your email for the information and link to our member survey. Periodically the society surveys our active members to determine how we are doing in serving the Engineering Management community and what we can do to improve. This survey will close on **September 10th**. Details of the results will be presented at the IAC in Idaho. Please complete your survey and contact asem-hq@asem.org if you have questions or suggestions.

Professional Certification Preparation Guide Near Completion

A team of members has been working to complete an update to the preparation guide for individuals interested in the [CAEM/ CPEM](#). A draft has been submitted to the Professional Development Committee for review and we hope to have the final version ready for introduction at the Conference in Idaho.

Future Conference Planning

Please mark your calendar for the 2019 conference in Philadelphia. Chris Cox and Julie Drzymalski of Drexel University presented a conference theme to the Executive Committee: *A Systems Approach to Engineering Management Solutions*. The conference is planned for **October 23 – 26, 2019**. This is a conference you don't want to miss.

Reduce the Cost of Textbooks

As you are aware, the [EMBOK](#) and the [Engineering Management Handbook](#) are excellent textbooks for class use. Student members (\$30 annually if purchased individually) can access the electronic versions of these publications for free. Coupled with the PowerPoint slides, this is a very time- and cost-effective approach to introduce EM materials across a wide range of engineering and technical curricula.

Job Opportunities

[Click here](#) to potentially find your next career adventure, or to find out how you can advertise your employment opportunities to the EM community.

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