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Serving Engineering Managers Worldwide



ASEM eNews

July 2017

President's Note

Please note that there is still time to register for our last webinar in the four part webinar series on *Management Practices of Learning from Errors in High Risk Industries*. Details below.

August 8 - *Management practices of learning from errors in high risk industries* (Nicolas Dechy, Institut de Radioprotection et de Sûreté Nucléaire) - 1:00 PM EDT. Register here: <https://www.asem.org/event-2568621>



As part of our selection process of the annual ASEM Eschenbach Award for the Best Engineering Management Journal (EMJ) Paper, I recently reviewed all papers in the 2016 volume (28) of the EMJ. There is a great array of current EM topics covered in this issue including a special issue focused on military applications in engineering management. I know selection of this year's best paper will be difficult for the selection committee as the quality of the papers in this issue is excellent. Thank you to our co-editors, Toni Doolen and Eileen Van Aken, for their outstanding leadership of EMJ. The 2017 Volume 29, Issue 2 is now available at Taylor and Francis online. Please see link below.

We are terribly saddened by the death of one of our past leaders of ASEM. Joette Sonnenberg made significant contributions to the engineering management field and to ASEM as a Society. She will be missed by all who knew her.

~ 18-21 October 2017 ~

ASEM International Annual Conference (IAC)

Register at: <https://www.xcdsystem.com/asem/attendee/index.cfm?ID=A6MW1MI!>

The excitement is building for the 2017 IAC with the theme of **"Reimagining Systems Engineering and Management."** Accepted papers are indexed through ProQuest and ABI/INFORM. A record number of abstracts and proposals have been submitted.

The 2017 host is the Dept of Industrial & Systems Engineering and Engineering Management at the University of Alabama in Huntsville (UAH). Please plan to attend the special events including:



- Industry Roundtables and Guest Speakers
- Best Student Conference Paper Competition
- Best Conference Paper Competition

- Undergraduate and Graduate Case Competitions
- Best Dissertation Award Presentation
- Local Industry Tours
- Social Events and more!

The conference hotel is the Marriott Hotel-Huntsville, next to the US Space and Rocket Center. The conference room block is now open at <https://asem.org/IAC-Lodging-&-Attractions>. All signs point to another IAC attendance record so please make your reservations early and assure your stay at the conference hotel venue!

More details about the IAC can be found here: https://asem.org/2017_IAC

Academic Sponsorship Opportunities - International Annual Conference

ASEM has designed a conference sponsorship program that provides exceptional value in meeting the specific needs of university programs, and outstanding opportunities for recognition, recruitment and program marketing within the global engineering management community. The IAC sponsorship options combine multiple media and options to provide a strong presence before, during, and after the conference has taken place. The participation of your academic institution demonstrates active support for the profession of engineering management and creates a broad and lasting exposure for your program.

Conference Sponsor Bundle (\$1,000)

The Conference Sponsor Bundle sponsorship option includes the following benefits:

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

For more information and other sponsorship options, please visit <http://asem.org/Sponsorship>

~ 8 August 2017, 1:00-2:00pm EDT ~

Webinar - Management Practices of Learning From Errors in High Risk Industries

Presented by Nicolas Dechy, Sponsored by ASEM - IISE/SEMS - CAE- ABEPRO

Accidents are caused by multiple causes, influence factors, conditions that occur at a variety of sociotechnical levels (equipment failure, staffing inadequacy, deficient management, lack of regulatory oversight) along a timeline that can last for years. Indeed, latent failures, weak signals, precursors, near-misses, alerts, are not treated accordingly. Lessons from industrial accidents show that failures to learn are one of the recurring root and systemic causes of accidents. Starting from these lessons, the stakes, challenges and requirements are identified and can be adapted. They are discussed with regards to some good practices and recent changes in some high-risk industries.

Presenter Biography: Nicolas Dechy is currently employed at the French National Institute of Nuclear Safety and Radiation Protection (IRSN) that provides expertise to the regulator. He conducts organizational and human factors assessment of safety and radiation protection management of maintenance activities, subcontracting, and emergency response in the aftermath of Fukushima. As an engineer, he has expert experience in the field of accident investigation (Toulouse disaster), chemical risk assessment, emergency response and crisis management in process safety (Seveso). He has conducted several assessments, studies, engineering and researches on learning from experience especially on failures and barriers to learn with European Safety and Reliability Data Association and Institut pour la maîtrise des risques association.

Register here: <https://www.asem.org/event-2568621>

This webinar is the fourth in a four-part series. Previous webinars are available through the ASEM member website.

~ 11 August 2017 ~

Undergraduate and Graduate Student Scholarships

The American Society for Engineering Management (ASEM) awards a \$500 undergraduate scholarship and \$500 graduate scholarship each academic year.

To be eligible, at the time the application is submitted, applicants must be current members of ASEM, must be enrolled full-time in an undergraduate or graduate program (minimum of 12 hours for undergraduate students or 9 hours for graduate students), must have a graduation date at least a year into the future, and must have a cumulative GPA of 3.0 for undergraduate students or 3.5 for graduate students.

From those applicants who meet the eligibility requirements above, one undergraduate recipient and one graduate recipient will be selected based on service to the campus and the community, career goals and aspirations as they relate to the Engineering Management profession, academic qualifications, and research interests and involvement (especially for graduate student applicants).

For more information, visit: <http://asem.org/ASEM-Scholarships>

In Remembrance of Joette G. Sonnenberg, PhD, PEM

December 1st, 1958 – June 30th, 2017

Dr. Joette G. Sonnenberg passed from this earth June 30th. Joette was a long time member, fellow, and former president (2010-2011) of ASEM.

The ASEM would like to share your reflections/memories of Joette with her friends during a Celebration of Life event to be held in Akin, SC in September. Please send your memorials to Gene Dixon via dixone@ecu.edu. Photos are welcomed.



Vol 29, Issue 2 of the EMJ Now Available for Members

Volume 29, 2017 - Issue 2 of the *Engineering Management Journal (EMJ)* is now available at Taylor and Francis online. This issue has a very interesting blend of topics that will appeal to members both in professional practice and in academic Engineering Management positions.

Titles in this issue include:

- *An Approach to Quantify the Factors That Affect Performance Measurement System Implementation* - Heather Keathley-Herring
- *Determining the Critical Factors of Radical Innovation Using an Integrated Model of Fuzzy Analytic Hierarchy Process-Fuzzy Kano With a Case Study in Mobarakeh Steel Company* - Arash Shahin, Azar Barati & Arash Geramian
- *Open Innovation and Team Leaders' Innovation Traits* - Wu-Chiang Chan, Ping-Chuan Chen, Shiu-Wan Hung, Meng-Chin Tsai & Ting-Ko Chen
- *Developing Engineering Leaders: An Organized Innovation Approach to Engineering Education* - Sara Jansen Perry, Emily M. Hunter, Steven C. Currall & Ed Fraunheim
- *Quantification of Project Execution Complexity and its Effect on Performance of Infrastructure Development Projects* - Ebtisam Mirza & Nadeem Ehsan

Also including an index of Engineering Management-Related Doctoral Dissertations Completed in 2016.

As a reminder, we include this notice in the eNews so you can access the current publications of the EMJ. Many of our members have signed up for notification of new EMJ issues directly from Taylor and Francis. For professional members, the final issue of the year is also sent in printed format, and includes all four issues for 2017.

Corporate Membership Program

ASEM has designed an enhanced package of benefits for corporate members. This plan allows non-academic organizations to choose the benefits that are best for each individual circumstance including job advertisement, banner ads, reduced membership costs and similar advantages. Corporate Membership options, please visit: <http://asem.org/Corporate-Membership>

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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