



# SE REVIEW



February 2010

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## President's Perspective

Colleagues,

The winter of 2010 has been formidable and has affected even our professional association in 2010. We have had Board member meeting cancellations, science fair cancellations and barely got our participants on planes and flown into Arizona for the International Workshop, between storms. I can assure you things have still been busy. Our crew did make it to the workshop and will be providing details back to our members on the areas that they have volunteered to work. In this month, we have three key documents being reworked to drive the direction of this organization over the next five years including an update to our By-Laws, the completion of a Southern Maryland Chapter Strategic Plan, and an update to our Operations Plan. Our goal is to have these all completed in March.

Please note that the By-Laws, although the updates are minor, will need to be approved by our members, and we will do this with an electronic vote. The biggest change within this document will be the establishment of a fixed number of "Directors" (the original philosophy was for every business entity, such as a systems engineering contractor, that had five active members would automatically be able to appoint a Director; therefore, the number was infinite). We also had incorporated the recommendation of INCOSE International to make the Vice President a "President Elect". The By-Laws will seek to modify the Vice President role slightly, and our President can come from any of the Board of Director positions in the update.

Our first lunch speaker program was also a victim of weather and facility scheduling. The "rules of engagement" have changed for hosting an on-base luncheon. Although the new facility is beautiful at the River's Edge (the new Officer's Club), there is a fee involved with room use that is difficult to meet for our members. So, we are in the process of looking for alternate venues for our meetings to take place. If your company has a suitable room that can host ~40 attendees, please contact me at 301-862-7033, as we would like to rotate meetings throughout during the course of the year. That being said, we will be meeting tomorrow 2 March, and this will be at the Eagle Building, just north of the Exploration complex on the left hand side of Rt. 235 as you head north. Ken Ptack will be the speaker and will be briefing work taking place within INCOSE International on the **Software Life Cycle Profiles for Very Small Entities (VSEs) Standard**. It will address the status of ISO/IEC 29110 (Software Life Cycle Profiles for Very Small Entities (VSEs)) and the INCOSE Systems Engineering for VSME Working Group efforts, and how to get engaged to test the standard. Please join us at 1130, and for \$5 you can enjoy a complete pizza lunch and a vibrant discussion!

That's it for this edition. More to follow on the Science Fair luncheon for our high school award recipients as details become available, also planned for this month!

Respectfully,

Steve McKeown  
President, Southern Maryland Chapter  
301-862-7033  
[McKeown\\_steve@bah.com](mailto:McKeown_steve@bah.com)

### Next Board Meeting

9 March 2010  
1630  
Booz Allen  
Hamilton  
Expedition Bldg

### Next Chapter Meeting

2 March 2010  
Ken Ptack,  
Software Life  
Cycle Profiles for  
Very Small Entities  
(VSEs) Standard,  
Eagle Building  
1130-1300

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# INCOSE News

## Engagement at Work: Survey Request

One of our INCOSE members, Dave Paul, is a DBA (Doctor of Business Administration) student at Northwestern Polytechnic University in Fremont, CA. He is conducting research on work environments, what employees value, and how that impacts their level of engagement. He wants to hear from INCOSE members on how feeling cared for in the workplace might affect their motivation, engagement, and productivity. His advisors: Dr. Sharon Green, CSUEast Bay; Dr. Donald Bradley, NPU; Dr. Nik Tehrani, NPU. Click here to take part in this anonymous survey. <http://betaadmin.achieveses.com/Survey/home.aspx>. Thank you for your help.

## Discussion Forum

Are you getting the full benefit of your membership? When was the last time you visited the INCOSE discussion [forum](#)? The [forum](#) contains nearly 3,000 postings from over 2,000 contributors since 2004 - you can follow the threads that are most relevant for you by subscribing and having the discussions delivered to your e-mail account. Check the [forum](#) today; you never know what you might learn!

## INCOSE Connect Training

Ten people took refresher or new training as users and administrators for INCOSE Connect during IW2010. If you could not attend, Jim Chism has posted his presentation and updated the training manual. <https://connect.incose.org/>

## Schedule of *INSIGHT* Deadlines

The following is a list of upcoming INCOSE *INSIGHT* deadlines:

Issue	Submission Date for General Articles / Deadline for Theme Article Proposals*	Theme	Theme Editor
2nd Qtr 2010	15 May 2010	The Best of Loughborough: Highlights from the Conference on Systems Engineering Research and SEANET	<a href="#">Roy Kalawsky and Ricardo Valerdi</a>
3rd Qtr 2010	8 Aug 2010** / 11 Nov 2009	2010 International Symposium Coverage: Chicago, Illinois, USA	<a href="#">Jack Stein</a>
4th Qtr 2010	15 Oct 2010	Systems Development from Deep Sea to Deep Space: Lessons from the Johns Hopkins Applied Physics Lab	<a href="#">Mike O'Driscoll</a> and <a href="#">Sam Seymour</a>
1st Qtr 2011	15 Feb 2011 / 21 May 2010	Knowledge Management for Systems Engineering	<a href="#">Regina Griego</a>

- Please contact the theme editor to propose a theme article by the dated listed. No date means no additional proposals are requested.  
\*\* Submission deadline moves according to International Symposium date.



## Renew Your Membership

Don't forget to renew your membership. Your annual membership now expires 12 months after your enrollment anniversary. If you want to know what your enrollment date is and when your current membership will expire, just view your member profile <https://www.incose.org/membersOnly/memberInfo/updateMemberInfo.cfm>. Should you have problems or questions, e-mail Central Office (<mailto:info@incose.org>).

## Update your membership profile

Did you know that you have the ability to reset your own password, change your address, phone number and employer, and even change the e-mail addresses you want your incose.org e-mails to go to? Did you know that you can also update your biography and even your picture? To keep your membership information up to date, just go to [www.incose.org](http://www.incose.org). On the left side, select the option to View / Update Member Record.

## Chapter Highlights

### Articles Needed

Articles are needed for his section of the newsletter. If you have any information you would like to share, please submit your article to [Dawn.Jaeger@navy.mil](mailto:Dawn.Jaeger@navy.mil). Thanks!

### Member Profiles

Please welcome our new members:

**Bert Pineda** joined on 18 February. He is a Systems Engineer with Science Applications International Corporation.

**Matthew Gammon** joined on 28 February. He is a Pilot with Northrop Grumman.

### Member Contributions & Support Needed

We are in desperate need of more help, more involvement, more members, and more leadership from our current members to maintain our ambitious schedule of events. Also please send news on your projects at work, on your personal or professional achievements, any notable upcoming events the membership should know about, etc. Send electronic pictures, too! We continue to request that each of the Chapter members provide us with a brief bio, so everyone will get to know you a little better. This will also make it easier to network with other Chapter members. Please include items such as where you went to school and any degrees, current and past positions, INCOSE activities, and any other information you would like to share. Our newsletter can use your articles and your support. Please send all contributions to Karl Geist at [kgeist@md.metrocast.net](mailto:kgeist@md.metrocast.net), Dawn Jaeger at [Dawn.Jaeger@navy.mil](mailto:Dawn.Jaeger@navy.mil), or Steve McKeown at [mckeown\\_steve@bah.com](mailto:mckeown_steve@bah.com). If you have any questions, please send an e-mail or call Dawn at 301-342-9095, or Steve at 301-862-7033. So, please consider volunteering and being part of the exciting opportunities in Systems Engineering. As current members, the Chapter Board of Directors (BOD) welcomes your feedback to the chapter's plans. Address these comments to any of the Chapter's BOD members found at the end of this newsletter. Thank you!

## Upcoming Events

### Southern Maryland Chapter Meeting

*Hosted by INCOSE SoMD Chapter in Patuxent River, Maryland*

**When:** 2 March 2010, 1130-1300

**Where:** Eagle Building, Rt. 235, Lexington Park

**Theme:** ISO/IEC 29110 Part 1 "Lifecycle Profiles for Very Small Entities"

**Info:** [www.incose-somd.org](http://www.incose-somd.org)

**Speaker:** Ken Ptack

**POCs:** Steve McKeown at 301-862-7033, [Steve.McKeown@INCOSE-SoMD.org](mailto:Steve.McKeown@INCOSE-SoMD.org)

## Upcoming Events (cont.)

**Venue:** Pizza and Beverages

**Cost:** \$5.00 for SoMD INCOSE Chapter members, \$8.00 for Non-members

**Description:** Ken Ptack is a member of the ISO Standards Working Group and Editor of ISO/IEC 29110 Part 1 "Lifecycle Profiles for Very Small Entities", which helps provide direction for small software development efforts. This brief will focus on the INCOSE efforts supporting Very Small Entities (VSEs) at the international and INCOSE level. It will address the status of ISO/IEC 29110, Software Life Cycle Profiles for Very Small Entities (VSEs) and the INCOSE Systems Engineering for VSME Working Group efforts.

### 8th Annual Conference on SE Research

*Hosted by Stevens Institute of Technology and Delft University of Technology in collaboration with University of Southern California (USC)*

**When:** 17-19 March 2010

**Where:** Stevens Institute of Technology Campus, Hoboken, New Jersey

**Info:** <http://sse.stevens.edu/research/sponsored-conferences/cser/2010/home/>

**POC:** Dr. Brian Sauser, [Brian.Sauser@stevens.edu](mailto:Brian.Sauser@stevens.edu)

**Description:** The objective of this conference is to provide practitioners and researchers in academia, industry, and government with a common platform to present, discuss and influence Systems Engineering research, and to enhance the practice of Systems Engineering and Systems Engineering education.

### Society of Women Engineers (SWE) Region E Spring Conference

*Hosted by SWE Region E (Mid-Atlantic Region)*

**When:** 19-21 March 2010

**Where:** University of Pennsylvania, Philadelphia, Pennsylvania

**Theme:** SWE@60: A Strong Foundation for Engineering Success

**Info:** <http://www.seas.upenn.edu/~swe/website/introduction.html>

**POC:** Alexis Wallen at [alexis.wallen@swe.org](mailto:alexis.wallen@swe.org), Melissa Cedarholm at

[mced@seas.upenn.edu](mailto:mced@seas.upenn.edu), or Alexandra Malikova at [ama@seas.upenn.edu](mailto:ama@seas.upenn.edu)

**Description:** Prior to the 1950's, women intending to pursue engineering and other technical fields had very little opportunity. Although there were notable exceptions, including women such as Marie Curie who pioneering radioactivity and Emily Warren Roebling, the first female engineer to help complete the famed Brooklyn Bridge, few women entered technical fields. The founding of the Society of Women Engineers in 1950 gave women a support structure that eventually grew into a world class organization, helping its members to "Aspire, Advance, Achieve."

This coming March, we are celebrating the success of women in engineering and technology, as well as the importance of SWE in helping women to achieve this success. For 60 years, SWE has been the foundation upon which women relied on to advance in engineering. For 60 years, it was also SWE that provided guidance and education in order to help women break through the challenges in engineering academia and

### 7th European Systems Engineering Conference (EuSEC 2010)

*Hosted by Swedish Chapter of INCOSE and INCOSE Region III Chapters*

**When:** 23-26 May 2010

**Where:** [Royal Institute of Technology](http://www.kth.se) (KTH), Stockholm, Sweden

**Theme:** Systems Engineering and Innovation

**Info:** <http://www.incose.se/eusec2010/>

**POC:** Jonas Andersson

**Description:** The 7th bi-annual EuSEC aims to bring practitioners and researchers together to discuss systems engineering and innovation. It is designed to inspire its attendees by providing practitioners with insights from systems engineering research and practice, and researchers with an exposure to real-world challenges and examples. Following the successful tradition of EuSEC, we will provide its participants 2010 with a plethora of enlightening technical papers and tutorials, panel discussions, and exciting speeches, but also with an infrastructure for successful business and working group meetings, all in the inspiring environment of Stockholm, the "Capital of Scandinavia". Participants should leave the conference with a unique understanding of the challenges of handling innovation in Systems Engineering, the research and solutions currently available, as well as future solutions and pointers to research directions in the area.

We warmly welcome you, your colleagues and everyone you bring along, to a thrilling event in the beautiful Nordic spring in Stockholm!

## Upcoming Events (cont.)

### International Symposium

*The 20th International Symposium -- Hosted by Region IV Chapters*

**When:** 12-15 July 2010

**Where:** Hyatt Regency O'Hare, Chicago, Illinois

**Theme:** 20<sup>th</sup> Anniversary

**Info:** <http://www.incose.org/symp2010>

**POC:** INCOSE Central Office, [info@incose.org](mailto:info@incose.org), 800-366-1164

**Description:** The 2010 technical program is shaping up to be one of the most, if not the most, exciting and progressive ever. INCOSE and systems engineering stand at the gateway of the new millennium, ready to bring the world into the Systems Age that is upon us.

Our wonderful civilization is at a turning point that will require ever more systems thinking and well-guided application of systems engineering principles. Smart grids, alternative energy, medical systems interoperability, integrated military systems of systems, intelligent transportation systems, integrated mass transit, aerotropolis cities, colonization of space! These are just a few of the undertakings that are just around the corner. They are complex; and they must be engineered for success. We are here, and we are ready!

### 4th Asia-Pacific Conference on Systems Engineering (APCOSE 2010)

*Hosted by INCOSE Taiwan Chapter*

**When:** 4-6 October 2010

**Where:** National Taiwan Ocean University, Keelung, Taiwan

**Theme:** Systems Engineering: Collaboration for Intelligent Systems

**Info:** <http://www.incose-taiwanchapter.org/APCOSE2010/>

**POC:** [apcose2010@gmail.com](mailto:apcose2010@gmail.com)

**Description:** The APCOSE 2010 will provide a forum for researchers, engineers, and managers to exchange the latest development and applications of systems engineering in order to enhance local/regional, human/environmental, and academic/industrial collaborations for better and intelligent lives.

#### Topics

- Design for Environment and End-of-Use Deposition
- Safety and Risk Management
- Acquisition and Lifecycle Management
- Systems Engineering Education/Research
- Human Factors/Systems Interfacing Issues
- Systems Engineering Management
- System of Systems

### 2011 INCOSE International Workshop

**When:** TBD February 2011

**Where:** TBD

**Theme:** Various Committees, Working Groups, and Certification Beta Test

**Info:** <http://www.incose.org/>

**POC:** PCMI, (858) 565-9921

**Description:** The workshop features many committee and working group meetings such as the Certification Working Group, Handbook Working Group, INCOSE Fellows, the Corporate Advisory Board, Certification Advisory Group, Certification Beta Test, etc.

## **SoMD BOARD OF DIRECTORS**

President .....	Steve McKeown (301) 862-7033 <a href="mailto:mckeown_steve@bah.com">mckeown_steve@bah.com</a>
Vice-President .....	Kellie Keller (301) 866-6946 <a href="mailto:keller_kellie@bah.com">keller_kellie@bah.com</a>
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Director, Programs.....	Dale Raney (301) 994-0837 <a href="mailto:DLRaney@md.metrocast.net">DLRaney@md.metrocast.net</a>
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