



SE REVIEW



November 2009

Volume 9, Number 10



Next Board Meeting
3 December 2009
1630
Booz Allen Hamilton
Expedition Bldg

Next Chapter Meeting
RDML BD Gaddis
8 December 2009
1115-1245
Pax River O'Club

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President's Perspective

Colleagues,

We are coming to the end of 2009 and I find it appropriate to pause and reflect on where we are at as an organization. Our membership is over 70 members with a very solid renewal rate, and we are looking to grow further in the upcoming year. Our members have given both time and energy at the International, regional and local levels and our accomplishments are extremely noteworthy. We have members who continue to attend the INCOSE International Workshop (IW) where they participate in working groups of keen interest. Creating an International Science Fair award, leading a standards development effort, bringing into the spotlight the importance of Human Systems Interface (HSI), and ongoing efforts to further the Certified Systems Engineering Professional (CSEP) process are just a few of the endeavors undertaken during previous IWs. We had solid participation and leadership at the regional conference in April 2009 with 100+ attendees on pertinent systems engineering presentations and the first webinar style conference for INCOSE. We also had a couple of attendees at the International Symposia in Singapore this year who accepted the Gold Circle award for the Southern MD Chapter.

At the local level, we continue to provide an excellent luncheon speaker program with monthly engagements. Speakers have come from the NAVAIR community, industry partners, and other DOD agencies with a myriad of current and important topics. Locally, our Chapter committed to even greater support for the St. Mary's County Science Fair in February. One of our largest time and resource investments is in the AUVSI Student Unmanned Air Systems (UAS) competition in June and again this was a great success. Additionally we produced an informative and engaging newsletter that serves as a conduit for sharing what is going on within INCOSE and also covers other organizations where we have an affiliation. In this year we also had two unique programs that deserve some attention. One was a training program on INCOSE's collaborative workspace, INCOSE Connect, and we were led in an instructional walk-through on how to access INCOSE resources to make us better at our respective tasks. We also had two evening networking events with the local Blue Crabs baseball team. Great Fun! Looking back at 2009, I feel confident that the Chapter fulfilled a very important role for Southern MD.

We are ending the year with a very worthwhile luncheon coming up in December. **RDML Donald (BD) Gaddis, Commander, Naval Air Warfare Center Aircraft Division and Assistant Commander for Research and Engineering, Naval Air Systems Command** will join us and provide his **Vision for System Engineering at NAVAIR**. This will be an informative and engaging presentation about the role of systems engineering for Naval aviation, and we are looking forward to a lively discussion on the topic. This will be at the Cedar Point Officer's Club on **Tuesday, 8 December** from **1115 to 1245**. The cost will be **\$8.00 for members and \$10.00 for non-members** and includes the gratuity. To attend, please RSVP to: Steve McKeown at 301-862-7033 or via e-mail, Mckeown_steve@bah.com. **Thanks to all for a wonderful 2009!**

Respectfully,

Steve McKeown
President, Southern Maryland Chapter
301-862-7033
Mckeown_steve@bah.com

INCOSE News

Invitation to the INCOSE International Workshop 2010

We are pleased to invite you to join us in Mesa, Arizona for the INCOSE International Workshop 2010 to be held Saturday, 6 February - Tuesday, 9 February at the Phoenix Marriott Mesa Hotel.

This year, the INCOSE Model-Based Systems Engineering (MBSE) Workshop begins the day before IW and runs for 3 days concurrently: dates are Friday-Sunday, February 5-7, 2010. This should be a very informative and energizing event, and provide an opportunity to learn about the latest MBSE activities and contribute to the INCOSE MBSE Roadmap and Plans.

In addition to the activities and social events you expect at IW, there is a new event this year to benefit the INCOSE Foundation. We'll be celebrating the successes of the INCOSE Foundation and toasting a rosy future at a wine tasting on Saturday evening. For your donation to join us at this event, you will enjoy many wines all donated by INCOSE members. A buffet will be generously provided by the INCOSE CAB. Be sure to sign up for both the MBSE Workshop and the INCOSE Foundation Wine Tasting Event on the IW registration form

IS 2010 Deadline Extension for Papers

The deadline for submitting papers has been extended to 30 November due to the many requests and late availability of the online submission. To submit your paper: [Online Submission Form](#).

INCOSE Election

Ballotting is now concluded for the election of officers and directors who will be inducted in 2010. INCOSE is grateful to all candidates who stood for election and to the record number of members who cast ballots this year.

Fellows Call for Nominations

The Fellows Selection Committee will be pleased to accept nominations for new INCOSE Fellows submitted by INCOSE members until 1 December.

INCOSE Fellows are individuals with significant verifiable contributions to the art and practice of Systems Engineering in industry, government or academia. This award recognizes practitioners from government and industry applying knowledge and contributing to the practice of systems engineering in designing and acquiring systems, researchers developing new knowledge and advancing theory, and teachers disseminating knowledge and developing the next generation of successful systems engineers.

Details can be found at: <http://www.incose.org/about/hall/fellows/nominations.asp>.

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
1st Qtr 2010	15 Feb 2010	Technical Operations	Timothy Dilks
2nd Qtr 2010	15 May 2010	The Best of Loughborough: Highlights from the Conference on	Roy Kalawsky and Ricardo Valerdi



INCOSE News (cont.)

		Systems Engineering Research and SEANET	
3rd Qtr 2010	8 Aug 2010** / 11 Nov 2009	2010 International Symposium Coverage: Chicago, Illinois, USA	Jack Stein
4th Qtr 2010	15 Oct 2010	Systems Development from Deep Sea to Deep Space: Lessons from the Johns Hopkins Applied Physics Lab	Mike O'Driscoll and Sam Seymour
1st Qtr 2011	15 Feb 2011 / 21 May 2010	Knowledge Management for Systems Engineering	Regina Griego

* 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. On the left side, select the option to View / Update Member Record.

Chapter Highlights

INCOSE Elections for SoMD Chapter

2010 is fast approaching, and with the New Year come many new opportunities! It is time again to nominate candidates for the INCOSE Southern Maryland Chapter Board of Directors. The board consists of the following members: President, Vice President, Treasurer, Secretary, and Directors (5).

Eager, qualified volunteers who are current members of the Southern MD Chapter of INCOSE are encouraged to be nominated for the board. In particular, the positions of Vice President and Treasurer do not have any incumbents for 2010 and will need to be filled. Our President position is a two year role and not eligible for election in this cycle.

If you are interested in joining the Board, please have a chapter member nominate you and furnish a short biography as it pertains to your systems engineering involvement. We will need to know what position or positions you are specifically interested in performing. The deadline for nominations is 4 December. Ballots will be delivered to our members the second week of December, and the term will run from January 2010 to Dec 2010.

Thanks in advance for your participation,

Andrew Pollard
Treasurer
INCOSE Southern Maryland Chapter
Phone: 301-995-2880
E-mail: andrew.pollard@incose-somd.org

Chapter Awards Package Input Needed ASAP

All Members ONLY: If you have attended any INCOSE events, promoted INCOSE at any events, or actively participated in any INCOSE efforts/working groups, please provide the information (proof) to Dawn Jaeger at Dawn.Jaeger@navy.mil or at (301) 342-9095 ASAP. If you have been published in any articles or journals, please provide that information as well. If you have any other Systems Engineering accomplishments (non-work tasking), provide that also. If you belong to any other professional organizations, we will need proof of your membership and your efforts with that organization (such as SPIN). The awards package needs to be submitted on 5 January. If you have any questions on what is needed or what can be collected, contact Dawn. Help us maintain our Gold level once again!

Holiday Social

The Chapter is once again planning a Holiday Social/membership drive in December. Stay tuned for more information as it becomes available.

E-mail Problems

All NAVAIR members are currently experiencing problems sending e-mail to any address ending with @incose.org. We have been working with NMCI and International to solve the problem. International has found some problems and is working the issue. We hope this can be resolved in the near future.

Member Profiles

Please welcome our new members:

Morris Carr transferred on 4 November. He is a Senior Program Analyst with Amelex, Inc. His e-mail is morris.carr@navy.mil, and phone number is (301) 862-0388.

Terrence Tucker joined on 28 October. He is a Senior Engineer with Spalding Consulting, Inc. His e-mail is Terry.Tucker@scipax.com, and phone number is (301) 866-0150.

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, Dawn Jaeger at Dawn.Jaeger@navy.mil, or Steve McKeown at 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: 8 December 2009, 1115-1245

Where: Cedar Point Officer's Club

Theme: Vision for Systems Engineering at NAVAIR

Info: www.incose-somd.org

Speaker: RDML Donald (BD) Gaddis

POCs: Steve McKeown at 301-862-7033, Steve.McKeown@INCOSE-SoMD.org

Venue: Buffet Lunch

Cost: \$8.00 for SoMD INCOSE Chapter members, \$10.00 for Non-members

Description: TBD

Southern Maryland SPIN Chapter Meeting

Hosted by SoMD SPIN Chapter

When: TBD December 2009, 1700-1900

Where: Frank Knox Building, Room 120

Theme: TBD

Speaker: TBD

Info: <http://www.somdspin.org/>

POC: Michael Beanland at (301) 862-7387, michael.beanland@rtr-tech.com

Venue: Food and Refreshments

Cost: Free

Description: TBD

2010 INCOSE International Workshop

When: 7-10 February 2010

Where: Phoenix Marriott Mesa, Phoenix, Arizona

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.

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

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.

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

Upcoming Events (cont.)

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!

2010 INCOSE International Symposium

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

When: 12-15 July 2010

Where: Hyatt Regency O'Hare, Chicago, Illinois

Theme: 20th Anniversary

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

POC: INCOSE Central Office, 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!

SoMD BOARD OF DIRECTORS

President	Steve McKeown (301) 862-7033 mckeown_steve@bah.com
Vice-President/President-Elect	Vacant
Treasurer	Andrew Pollard (301) 757-7646 andrew.m.pollard@navy.mil
Secretary	Judy Walker (301) 342-2164 judy.walker@navy.mil
Past President	John Walker (301) 342-2348 john.walker@navy.mil
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Director, Membership and Communications	Dawn Jaeger (301) 342-9095 Dawn.Jaeger@navy.mil
Web Site	www.incose-somd.org

**SoMD
Current
Board of
Directors!**