



January 2013

E-Newsletter

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Dinner/Lecture 16 January 2013 (6:00 – 8:00 pm)

[Open Source Cloud: OpenStack](#)



Pat Holben, Chief Technology Officer, Zot, Inc.

Presentation: Cloud based architectures dominate the IT space, and there is no more disruptive technology than an Open Source Cloud. In the short time it has been around, OpenStack has begun to turn the IT world on its head, and further advances in open source networking and storage technologies in combination with this software will have profound implications in the years to come.

Speaker: Pat Holben is the Chief Technology Officer of Zot Inc., an IT consulting firm specializing in supporting the Intelligence community. Concentrating on support to the National Security Agency, Pat has developed IT architectures from the early days of Sun Microsystems and multiple other Unix Operating systems. Making the jump from Unix to Linux, Pat was early to recognize the potential of virtualized systems, obtaining a VMware Certified Professional license number of 39. Developing rapidly provisioned and deployed systems, Pat has helped

NSA customers move to a virtualized architecture. Transitioning from Military Intelligence in the U.S. army, he made the leap to IT, obtaining a Masters in Information Systems from the University of Maryland. Today Pat guides Zot Inc. through the maze of new technologies to provide the best support to their customers

Location: [Applied Physics Laboratory, Johns Hopkins University](#); 11100 Johns Hopkins Rd Laurel MD 20723 (Main Entrance – Lobby 1)

Dinner: Braised Beef Stew with carrots, potatoes and celery in a rich burgundy wine brown sauce over a savory biscuit. Parmesan Crusted, Spiced Chicken Cutlets seasoned with garam masala and coated with parmesan breadcrumbs. Vegetable du jour, Garden Salad. Rolls and Butter, Dessert Cakes, Iced Tea, Water, Coffee

[>>>Download the Meeting Flyer Here<<](#)

Reservations: Purchase a ticket to this event by Credit card via PayPal, go to our [Registration Page](#)

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Presidents POV

Looking Forward

In Vol. 4 Issue 1

- January Dinner/Lecture
- Presidents POV
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This is the monthly newsletter for INCOSE Chesapeake, a local chapter of INCOSE International. We are a not-for-profit organization dedicated to providing a forum for professionals practicing the art and science of Systems Engineering in the Northern & Central Maryland & Southern Pennsylvania area.



Mark your Calendars with these upcoming events:

2013 International Workshop

January 26-29, 2013:
[INCOSE IW 2013 workshop in Jacksonville, Florida](#)



Happy New Year! We begin by saluting the Board and Chapter members who dedicated their time and energy to make 2012 such a great year. A quick review of last year's newsletters will provide a glimpse into the wide range of chapter activities that included an outstanding program series, scholarship awards to undergraduate engineering students, well regarded tutorials, STEM outreach, and information about upcoming events in the world of systems engineering. These are just a few examples. There are many more. In so many ways we have set a standard of excellence for chapter operations, and should be proud of our accomplishments. Again, kudos to all who contributed.

Our challenge this year is to maintain and build upon the momentum of last year by expanding our educational efforts, improving our recruitment and retention strategies, continuing to provide collegial forums for networking, increasing the number of our scholarships, and generally advancing the field of systems engineering. But as important as these goals are in the near term, we must also think about our long term future.

To this end, a sub-committee of the Board will be working to identify potential strategic alternative directions for the Chapter, determining which of these will have the greatest value to systems engineering, and then incorporating these directions into our operational plans. Potential candidates for study include the impact on systems engineering of cyber-infrastructure, cognitive computing systems, open source networking, big data, and more. We will also be exploring, among others, ways that will increase our relevance to our membership, support their professional development, and facilitate their relationships with other professional societies. Throughout, we will strive to align ourselves with the strategic directions of our parent INCOSE organization.

Feel free to contact me or any Board member via email with your additional suggestions on content and process. We are seeking to build closer and continuous contacts with our membership, and soliciting your inputs concerning the Chapter's strategic direction is one approach. All ideas will be considered and we hope to have a final draft of our deliberations by the March Chapter meeting or sooner.

A reminder – plan to attend our first program on 16 January 2013 (APL, 7:00 PM) “Open Source Cloud: Open Stack” with Pat Holben. The topic has long range implications for systems engineering and is definitely a strategic issue. Finally, I look forward to a year in which our Chapter Board and membership continue to make significant contributions in the field of systems engineering and by doing so, make a real difference in people's lives throughout the world.

Dr. William Ewald CC President,
wewald@jhu.edu

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Announcements



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Mark Kaczmarek
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Communications



Alex Pavlak
Programs



Robert Lecorchick
Membership

Welcome the 2013 Board of Directors

The new Board of Directors for 2013: The formal induction ceremony for the new board will be held at the January 2013 member meeting in JHU/APL

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Did You Miss the Holiday Party?
[2012 Holiday Party](#)

February 20, 2013: (6:00 - 8:00)
[Monthly Dinner/Lecture:](#)
[Flexibility in Engineering Design](#)



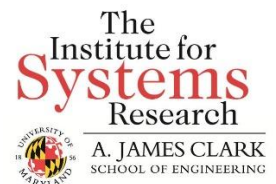
Philadelphia, PA
June 24-27, 2013

[INCOSE International Symposium](#)

The Chesapeake Chapter is always looking for volunteers to speak at our upcoming meetings! Please contact our 2013 Programs Director, [Dr. Alex Pavlak](#), if you would like the opportunity to speak or can recommend someone.

The Chesapeake Chapter of INCOSE is proud to recognize the following organizations for sponsoring our endeavors to expanding the understanding and appreciation of Systems Engineering in the local area:

Booz | Allen | Hamilton





Hilton Garden Inn, Columbia Maryland

On December 14th, the Chesapeake Chapter held its annual Holiday Party and Awards Banquet at the Hilton Garden Inn in Columbia, MD. Chapter members and their guests enjoyed each other's company and a tasty buffet during a relaxing evening.

>> [Check out the complete write-up on the event as well as Pictures](#) <<

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Don't Miss the event upcoming in February

[Flexibility in Engineering Design](#)



Dr. Richard de Neufville

Flexibility in design is an idea whose time has come. Experience indicates that the use of flexible design for the design of major infrastructure systems can lead to significant, double digit percent improvements in expected value. Computational and methodological advances now enable us to investigate the performance of designs under multiple scenarios, and to identify those that can perform best over the range of possible eventualities.

>>[Check out the Event Flyer Here](#)<<

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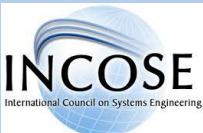
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This Newsletter is to serve our members and is open to all for contributions. Do you have an interesting idea for an article? A review of a new book related to engineering? [Let us know](#). We'd love to hear about it. It may wind up in a future issue of our Newsletter.

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Keep up with the latest news and events. Find out about our new Board of Directors. Explore our extensive library of previous lectures from our Monthly Dinner Meetings. Learn of the Benefits of Joining INCOSE. Check out Systems Engineering education in the local area. All this and more awaits you at our [INCOSE Chesapeake Chapter Website](#).

For any comments or suggestions about this newsletter please e-mail our [President, William Ewald](#) or our [Communications Officer, Oren Eisner](#). We value your feedback.

Board of Director Officers, 2013

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- Past President: Dr. Don York
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