



# INCOSE Chesapeake Chapter

International Council on Systems Engineering

## E-Newsletter

January 2012

- [Back Issues](#)
- [Forward to Friend](#)

Wednesday, 18 January 2012

### Gesture Recognition: A Disruptive Technology?

*Erik DeVito, CSEP-Acq; Sr Systems Engineering Manager - Serco North America*

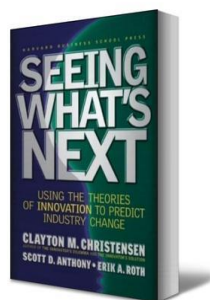
**Presentation:** Gesture Recognition is quickly becoming a mainstream technology for achieving dynamic human system interfaces that do not require traditional input mechanisms. A review of current consumer level devices and software will be conducted. Due to the significant increase in availability, Gesture Recognition has the potential to become a disruptive technology which will likely have a profound effect on how we interact with system environments. Both live and video demonstrations will be presented. The implications for Systems Engineering will be reviewed and recommendations will be explored.



**Speaker:** Erik DeVito is a Senior Systems Engineering Manager working for Serco North America and just got voted in as the new Director of Programs for the Chesapeake Chapter of INCOSE. He specializes in working with government agencies in the

development and acquisition of cutting edge, intelligence collection, military defensive and information processing systems. Besides holding an MBA and a B.S. in Information Systems Management from University of Maryland University College, Erik is a Certified Systems Engineering Professional with a Department of Defense Acquisition extension. He has previously worked for TASC, Northrop Grumman, Lockheed Martin, and served in the United States Air Force.

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



Come out for a chance to win the door prize "*Seeing What's Next*" By Clayton M. Christensen

In Vol.3 Issue 01	
•	<a href="#">January Dinner Meeting</a>
•	<a href="#">Chesapeake Chapter's Winter Celebration</a>
•	<a href="#">Presidents POV</a>
•	<a href="#">Announcements</a>
•	<a href="#">Baltimore 2nd for Tech Work in the U.S.</a>

January 2012

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

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:**

**January 21-24, 2012**

[International Workshop \(IW2012\)](#)

**Wednesday, February 15, 2012**

[Case Study: Assessing the Ballistic Missile Defense System's \(BMDS\) capabilities.](#)

Clyde S. Smithson III -- APL.

**Meal:** Braised Beef Stew with carrots, potatoes and celery in a rich burgundy wine brown sauce over a savory biscuit.

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

Please Note: Agenda includes **New 2012 Board of Directors Installation**

**Reservations: By website:** Credit card via PayPal, go to our

[>>Registration Page<<](#)

**Presentation ONLY: FREE** (However, please register for Lecture Only Option -- There could be a big turnout for this event, for planning purposes please RSVP via our [registration webpage](#) even if you don't plan on joining us for dinner. Thanks)

[Return to top.](#)

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**Thursday, 26 January 2012**

## [Chesapeake Chapter's Winter Celebration and Awards Banquet](#)

2011 was a wonderful year of meals, lectures and fellowship. Come celebrate with us as we recognize those who have helped us realize INCOSE's mission to push SE out into the front of the public debate. Join us for an evening of fine food and stimulating conversation with friends and colleagues. Including the presentation of the **System Engineer Of the Year Award to Michael E. Pafford** We will have door prizes, entertainment, and a fine menu: *Classic Caesar (Salad); Garden Pasta (Salad); Chicken Chesapeake with Lump Crab (Entree); Roast Beef Au Jus (Entree); Roasted or whipped Potatoes; Seasonal vegetable; Home cooked rolls; Cakes and pastries; Coffee and Tea*

**Location: Crofton Country Club** 1691 Crofton Parkway Crofton, MD 21114

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

**Dinner Cost: \$45 per person - Register by website:** Credit card via PayPal, go to our [>>Special Banquet Registration Page<<](#)

[Return to top.](#)

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**Presidents POV**

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**March 19-22, 2012:** [Conference on Systems Engineering Research \(CSER\)](#)

**April 30-May 02, 2012:**  
[SETE/APCOSE 2012](#)

**May 14-16, 2012:** [1st Annual Systems Engineering in Washington DC \(SEDC 2012\)](#)

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The Chesapeake Chapter is always looking for volunteers to speak at our upcoming meetings! Please contact our 2012 Programs Director, [Mr. Erik DeVito](#), if you would like the opportunity to speak or can recommend someone.

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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:



**serco**  
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# Looking Forward to 2012

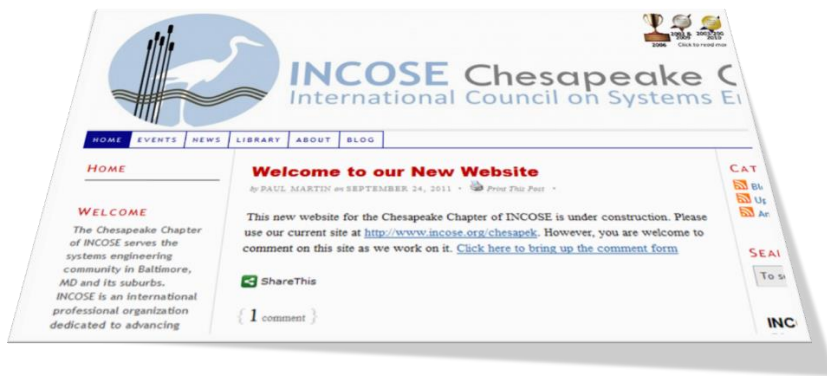


Happy New Year! As 2012 begins, I am looking forward to serving as your President and to a great year of growth and professional development for the Chesapeake Chapter. We, the Board of Directors, are here to serve you, the Systems Engineers who in turn serve our stakeholders and develop and sustain their systems in the communities we work every day. This year we will work to continue to ensure that the Chapter provides the environment you need to foster your systems engineering professional development, collaboration and exchange, equipping you in the best means possible to meet the needs of these stakeholders. Regards, *Dr. Don York, CC President, [don.york@incose.org](mailto:don.york@incose.org)*

[Return to top.](#)

## Announcements

### We have a New Improved Website



[www.incose-cc.org](http://www.incose-cc.org). Be sure to change your favorites in your web browser!.

## Systems Engineering Body of Knowledge



A draft of the Guide to the Systems Engineering Body of Knowledge (SEBoK version 0.5) was released in wiki format on [www.sebokwiki.org](http://www.sebokwiki.org). SEBoK 0.5 is currently open to worldwide review. Please contribute!

[Return to top.](#)

## Feature Article



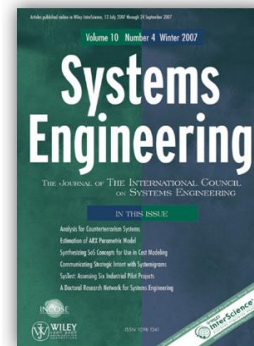
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With Connect you can also download INSIGHT Dec 2011, Vol 14 - Issue 4 *Special Feature: Systems Engineering Research Challenges in French Universities*



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[Return to top.](#)

This Newsletter is to serve our members and is open to all for



# [Forbes names Baltimore 2nd for Tech Work in the U.S.](#)



By Erik DeVito

## Congratulations to Baltimore!!!

According to their research, which looked at the most recent high-tech employment data from metropolitan areas around the country [Forbes Magazine](#) found that [Baltimore](#) ranked

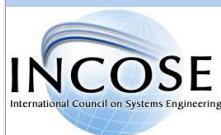
2nd in the U.S. for tech jobs. This might be surprising to some but not me. As I [previously noted](#) Baltimore is a vibrant center for technological advancement. Forbes cites that a “huge advantage appears to be closeness to the federal government, which expends hundreds of billions on tech products both hardware and software”. While that’s definitely true their statement fails to note a significant part of what makes Baltimore a great place for tech work. Baltimore has a wide spectrum of technology areas represented in their community. It’s this that creates huge opportunities for companies to grow and thrive here. [Healthcare](#), [Education](#), [Bioscience](#), [Performance Apparel](#), [Web Marketing](#), [Social Media](#), [Cyber Security](#), [Telecommunications](#) and [Video Gaming](#) are all contributors to the high tech boom in Baltimore.

[>>Read More>>](#)

[Return to top.](#)

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 may wind up in a future issue of our Newsletter.

[Return to top.](#)



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, Don York](#) or our [Communications Officer, Paul Martin](#). We value your feedback.

### **Board of Director Officers, 2012**

- President: Dr. Don York
- Past President: Dr. John Lewis
- President Elect: Dr. William Ewald
- Treasurer: Mr. David Alldredge
- Secretary: Mr. Mark Kaczmarek

### **Directors at Large**

- Communications: Mr. Paul Martin
- Programs: Mr. Erik DeVito
- Membership Committee: Ms. Janet Deery

**Please use the Forward email link below so we can invite your friends to join our mailing list. Thanks in advance.**