INCOSE

Champions and Practitioners of Systems Engineering

CHESAPEAKE CHAPTER.

February 2020 News & Updates

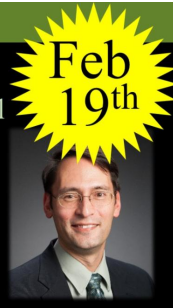## *Upcoming Events:*
The Latest Chapter Happenings

Eventbrite **GET TICKETS NOW**

Monthly Dinner Lecture

Feb 19th

Exploring the T&E Space using Model-Based Conceptual Design Techniques

David A Flanigan, Ph.D.

Buffet Dinner: 6 – 7 pm
Lecture: 7 – 8 pm
Location: JHU/APL – Parsons Auditorium

02/19/2020 - Monthly Dinner Meeting
- Speaker: **David A Flanigan**, Ph.D.
- Topic: *Exploring the T&E Space using Model-Based Conceptual Design Techniques*

Download flyer for more details

02/29/2020 - Training Opportunity
- Speaker: **Dr. James Martin**
- Topic: *Systems Architecting Principles & Practices*

One Day Tutorial

Feb 29th

Systems Architecting Principles & Practices

Dr. James Martin, Principal Engineer, The Aerospace Corporation

Course Hours: 8 am – 6 pm
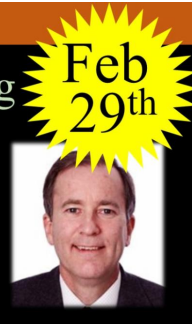Location: JHU/APL – Kossiakoff Center

Morning Topics
- Architecture Processes
  - Governance & Management
  - Conceptualization & Evaluation
  - Elaboration & Enablement
- Architecture Modeling
  - Needs à Architecture
  - Developing Views & Models
- Architecture Development
  - Key Principles & Concepts
  - Needs to Capabilities to Projects
  - Modeling Methods & Tools

Afternoon Topics
- Models & Views
  - Operational & Capability Models
  - Systems & Services Models
  - Data & Information Models
  - Projects & Standards Models
- Architecture Evaluation
  - Evaluation Approach
  - Value Assessment
  - Architecture Analysis
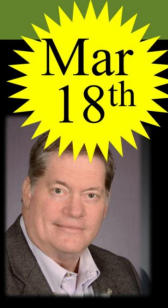 - Evaluation Factors & Criteria

Download flyer for more details

Monthly Dinner Lecture

There is no such thing as NON-Model-Based Systems Engineering!

Zane Scott

Mar 18th

Buffet Dinner: 6 – 7 pm
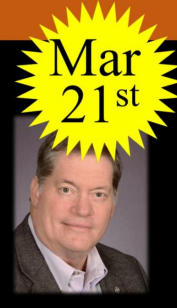Lecture: 7 – 8 pm
Location: JHU/APL – Parsons Auditorium

One Day Tutorial

MBSE 2.0- Taking Models to the Next Level

Zane Scott

Mar 21st

Course Hours: 8 am – 6 pm
Location: JHU/APL – Kossiakoff Center

April 6 - 9, 2020

Marriott Crystal City

2020 SYSTEMS SECURITY symposium

Monthly Dinner Lecture

Innovating in a Secret World

Dr. Tina P. Srivastava

Apr 15th

Buffet Dinner: 6 – 7 pm
Lecture: 7 – 8 pm
Location: JHU/APL – Parsons Auditorium

Other Meetings and Conferences to consider:

- **Feb 11, 2020:** Model Based Systems Engineering, a stepping stone on the path to Digital Engineering - at NASA Goddard Space Flight Center

- **Feb 16, 2020 – Feb 22, 2020:** Engineers Week 2020 - we want to give every child, everywhere, an engineering experience. You can help!

- **Feb 20, 2020:** Introduce a Girl to Engineering Day - worldwide campaign to engage girls in engineering.

- **Mar 19, 2020 – Mar 21, 2020:** 18th Annual Conference on Systems Engineering Research (CSER) at Redondo Beach, California

- **Mar 23, 2020 – Mar 25, 2020:** Association for the Advancement of Artificial Intelligence Spring Symposium Series at Stanford University

Check out all Upcoming Events at our website

Announcements

President's Point of View

2020: The Year Ahead

Mark Evans, ASEP

The Chapter achieved the 'Platinum' Chapter award in 2019 for an unprecedented fourth year in a row. Do we really need to change anything?

Mark Evans wants to know, "The Chapter achieved the 'Platinum' Chapter award in 2019 for an unprecedented fourth year in a row. Do we really need to change anything?" Change for the sake of change is rarely a good policy, but refusal to change, or inability to change where change is needed can be the death knell of an otherwise healthy organization.

Read more at our website

Mark your Calendars...March 7th

and March 21st -- And let us know if you want to participate with us at two of Maryland's major youth science fair events this spring. We will be reviewing high school engineering projects from all over the Baltimore area in order to choose those few that are most deserving to be honored by the chapter.

Read more at our website

Youth STEM Outreach Committee (YSOC)

This spring - Participate with us at two of Maryland's major youth science fair events

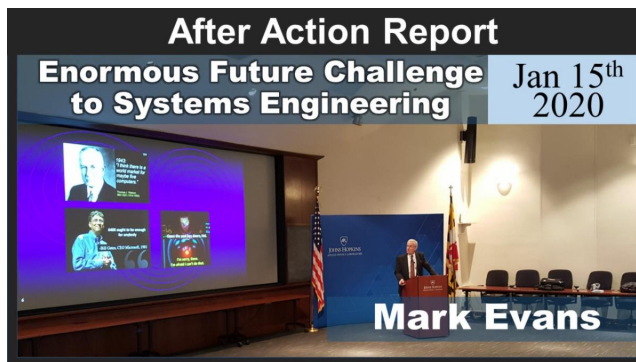GET INVOLVED

The Baltimore Science Fair

Installing the 2020 Board Members

On January 15, 2020, the 2020 Board of Directors for the INCOSE Chesapeake Chapter were installed.

From Left to Right -- Mark Evans (President-2020); Taras Mykytyn (Past President); Tony Gigioli (Treasurer); James DeCamp (Secretary); Mark Kaczmarek (Membership Chair);Paul Martin (Communications Director); and Clinton Hilliard (Programs Director). Absent: Jeff Berlet (President-Elect)

Did you miss these events?

After Action Report

Enormous Future Challenge to Systems Engineering

Jan 15th 2020

Mark Evans

Mark Evans, the INCOSE Chesapeake Chapter's President for 2020, spoke about the relentless advance of Artificial Intelligence and the emergence of 5th Generation communications, combined with the aging/crumbling existing infrastructure present a most formidable triple threat to Systems Engineering and its practitioners.

Read the After Action Report at our Website. Includes the presentation slides and video links

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Chesapeake Chapter members attended and participated in the 2020 INCOSE International Workshop (IW) in sunny Torrance, CA. Read about their experience at our website.

After Action Report

Tales from the **2020**
Annual **INCOSE**
international workshop
Torrance, CA, USA
January 25 - 28, 2020

You Tube [Our very own YouTube Channel has all our previous lectures. Check it out!](#)

The INCOSE-CC Website is filled with [musings](#), [book-reports](#), and [after action reports](#) for all our events. Explore and discover a wealth of information and articles at
[www.incose-cc.org](#)

Membership Corner

INCOSE CC will have a booth at the next reStart Job Fair on 30-March-2020 at Sheraton in Columbia MD - please attend if you're looking for employment. Additionally you can earn PDUs if you help staff the booth. Please contact Mark Kaczmarek at membership@incose-cc.org if you are interested.

The Chesapeake Chapter is looking to host a Resume Clinic in the 1st quarter of 2020 - let me know if you are interested so the chapter can gauge how many events are needed to cover our chapter's needs.

Consider advertising your openings by being part of an email campaign as well as a web site announcement. We have over 1200 contacts on our mailing list. Contact us at membership@incose-cc.org

[Check out our Website for other Job Postings](#)

The Chesapeake Chapter is always looking for volunteers to speak at our upcoming meetings! Please contact our [Programs Director](#) if you would like the opportunity to speak or can recommend someone. **INCOSE Chesapeake Chapter Events are now on Eventbrite - check us out at [incose-cc.eventbrite.com](#)**	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 Become a Member **INCOSE** Join *online* Today!

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:

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 Communications Officer. We value your feedback.

2020 Board of Director Officers (read more at website)

- President: Mark Evans, *ASEP*
- Past President: Taras Mykytyn
- President-Elect: Jeff Berlet, *ESEP*
- Treasurer: Tony Gigioli, *CSEP*

- Secretary: Jim DeCamp, *ASEP*
- Communications: Paul Martin, *ESEP*
- Programs: Clinton Hilliard, *CSEP*
- Membership: Mark Kaczmarek, *ASEP*