



## March 2020 News & Updates

### Upcoming Events:

## The Latest Chapter Happenings

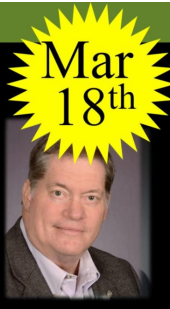


### Monthly Dinner Lecture

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

**Zane Scott**

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



03/18/2020

### Monthly Dinner Meeting

- Speaker: **Zane Scott**
- Topic: *There is no such thing as NON-Model-based Systems Engineering!*

[Download flyer for more details](#)

03/21/2020

### Training Opportunity

- Speaker: **Zane Scott**
- Topic: *MBSE 2.0- Taking Models to the Next Level*

#### Fundamentals

- Why are we talking about fundamentals anyway?
- Complexity
- Systems
- Systems engineering- the essential job
- Models
- Model-based
- Thinking at the conceptual level

#### Building Models

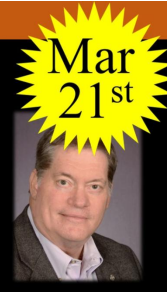
- Frameworks, systems metamodels and schemas
- Building blocks- Elements relationships and attributes
  - Requirements, behavior, implementation architecture
  - Verification and validation

### One Day Tutorial

MBSE 2.0- Taking  
Models to the Next  
Level

**Zane Scott**

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



- System versus operational
  - Similarities and differences
  - Schemas

#### Leadership and soft skills for engineers

- What are soft skills?
- How do you use them for MBSE work?
- Particular soft skills explained in context
  - Communication
  - Influence
  - Cognitive issues
  - Creativity and problem solving

[Download flyer for more details](#)

**Other Meetings and Conferences to consider:**

- 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

April 6 -  
9, 2020

Marriott  
Crystal  
City



Monthly Dinner Lecture

Innovating in a  
Secret World

Dr. Tina P. Srivastava

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



Monthly Dinner Lecture

Systems Engineering the  
Conditions of the  
Possibility

Dr. Keith D. Willett

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

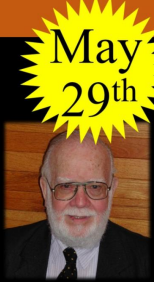


Half Day Tutorial

A New and Sparse  
Method of System  
Architecting

Dr. Howard Eisner

Course Hours: 1 pm – 4 pm  
Location: JHU/APL – Kossiakoff Center



Check out all Upcoming Events at our website

## Announcements

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



## Did you miss these events?



Dr. David Flanigan spoke on how systems engineers may use Model Based Conceptual Design (MBCD) techniques to focus on defining the problem space and system functions during the initial concept development phase. He explained how a lack of attention in the Test and Evaluation (T&E) space has motivated the extension of the MBCD methodology which he discussed in detail.

[Read the After Action Report at our Website. Includes the presentation slides and video links](#)



[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](http://www.incose-cc.org)

## Membership Corner

[Welcome all new members to our Chapter.](#)

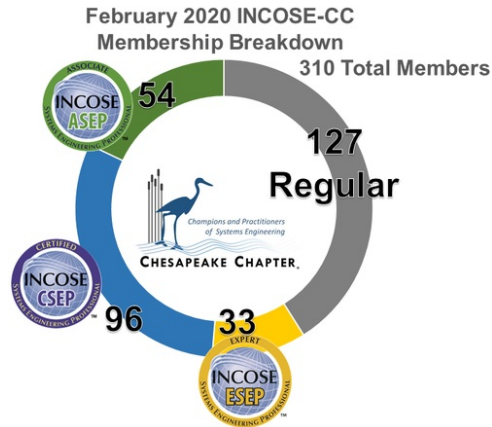
Thank you being part of INCOSE Chesapeake Chapter!

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](mailto: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](mailto: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](http://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

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](#))**

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| <ul style="list-style-type: none"><li>• President: Mark Evans, <i>ASEP</i></li><li>• Past President: Taras Mykytyn</li><li>• President-Elect: Jeff Berlet, <i>ESEP</i></li><li>• Treasurer: Tony Gigioli, <i>CSEP</i></li></ul> | <ul style="list-style-type: none"><li>• Secretary: Jim DeCamp, <i>ASEP</i></li><li>• Communications: Paul Martin, <i>ESEP</i></li><li>• Programs: Clinton Hilliard, <i>CSEP</i></li><li>• Membership: Mark Kaczmarek, <i>ASEP</i></li></ul> |
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