



Founded February, 1998

From the desk of the
Chapter President

"Systems Engineering (SE) is best practices and best practices is systems engineering. Best practice provides standards and processes to ensure product success and customer satisfaction."

~ James Holton

SoMD Chapter Website
<http://www.incose.org/southern-maryland>

Systems Focus

March 2021 Newsletter

LIVING ON THE MOON

Our SoMD Chapter is involved in the 2021 Future City Competition. The Theme for 2020-21 is Living on the Moon. Contestants address challenges and hazards of lunar living and describe more than two engineering disciplines and roles of the engineers. The SoMD Chapter has been judging the Mid-Atlantic Regional Competition and the National Finals for the Future City Competition since 2002. This year we had a record number of judges participate at the various levels. Judges duties included reviewing and scoring Team's Videos, the Team's Model highlighting aspect of their city then participated in a question-and-answer session with a panel of judges at both the Levels. Southern Maryland Chapter judges included Cheryl Kinchen, Past-President, Lyndsay Garrett, Vice-President, Karl Geist, Treasurer, Steve McKeown Secretary, Kerstin Elledge, Chapter member and Greg Olson, Associate member. The Mid-Atlantic Regional Competition were conducted on 3 February 2021 and the National Finals are taking place virtually on 6 March 2021 from Washington. D.C. <https://futurecity.org/>

AUVSI COMPETITION CANCELLED

The SoMD INCOSE chapter has a long 17-year history of providing support to the Association of Unmanned Vehicle Systems International (AUVSI) Student Unmanned Aerial Systems (SUAS) Student competitions conducted at St. Inigoes, MD. This year (2021) for the second straight year the competition was cancelled because of the CIVID Pandemic. The INCOSE Chapter would have conducted registration and provide a reception dinner for all competing students. INCOSE Judges for the Competition would have judged Team Journal Papers, Team Videos demonstrating Proof of Concept and an Oral Briefing describing their flight readiness. Then each Team would have flown a predetermined flight scenario with varying maneuvers to accumulate points. The highest scoring Teams would have been awarded various prizes. INCOSE Volunteers would have included Karl Geist, Cheryl Kinchen, Steve McKeown, Greg Olson, Ken Ptack, Lyndsay Garrett and Dr. Richard Millar. We look forward to participating next year.

Contact Us

Chapter Officers:

President, James Holton
Jholtj5@comcast.net

Vice President, Lyndsay
 Garrett, CSEP
lyndsayngarrett@gmail.com

Secretary, Steve McKeown
Mckeowns8@gmail.com

Treasurer, Karl Geist ESEP
kgeist@md.metrocast.net

Directors:

Cheryl Kinchen, CSEP Past
 President
cakinchen@gmail.com

Ken Ptack, ESEP Director at
 Large
swoop42@verizon.net

James Carroll, Director at
 Large jcarrollvt84@gmail.com

Greg Olson, KBR CAB
 Representative
Greg.Olson@us.kbr.com

Corporate Advisory Board

Sponsor:

KBR

ST. MARY'S COUNTY SCIENCE AND ENGINEERING FAIR

The SoMD Chapter has been judging, recognizing the winners, and giving awards at the St. Mary's County Science and Engineering Fair since 2005. On Friday 30 January 2021, INCOSE SoMD Chapter participated in judging for the sixteenth consecutive year of the Fair.

Five INCOSE judges, including Cheryl Kinchen, Past-President, Lyndsay Garrett, Vice-President, Karl Geist, Treasurer, Ira Minor, Chapter member and Greg Olson, Associate member reviewed each student's project, judged each division, and selected the winning projects. All projects in the fair, which included 37 in the Senior Division and 14 in the Junior Division were eligible for the awards. The INCOSE judges reviewed the 51 exhibits and down selected to four students in each Division. Students from the following categories were selected: Embedded Systems, Energy: Sustainable Materials and Design, Engineering Mechanics, Environmental Engineering, Material Science, Mathematics, Robotics and Intelligent Machines, and Systems Software.

Senior Division Winners

- Ellis Thompson's First Place Win with "More Efficient Sprinklers",
- Scott Sokoloff's Second Place Win with "A Better Map Generator!"
- Mikah Mohun-Hintze's Honorable Mention Award "Smart Cart"
- Veronica Zhou's Honorable Mention Award, "Creating a Carbon Footprint Calculator".

Junior Division Winners

- Adam Nilsson's First Place Win with "Up In Smoke",
- Braden Gutekunst's Second Place Win with "Hydro Electric Turbine",
- Joseph Grossman's Honorable Mention Award "Card Counting Combinatory Computer"
- Veronica Carey's Honorable Mention Award, "Coding and Cutting: An Efficient Path".

It has been very rewarding to work with the Fair and its students to embrace Systems Engineering. The award certificates and checks from the SoMD Chapter were delivered to the public school system for delivery to the students. Congratulations to all of the winners!

CHAPTER CIRCLE AWARDS



SILVER

2014 TO 2017

2018 TO 2020



GOLD

2000 TO 2013



**PRESIDENTS
AWARD**

2004, 2005

2012

MEMBER SPOTLIGHT

WELCOME NEW INCOSE MEMBERS

Sherman Barto

Sherman became a member of the Southern Maryland Chapter January 27th 2021. He works for MAG Aero.

Oren Alon

Alon, with John Hopkins University, joined INCOSE the end of February. He received his ASEP certification on February 23rd 2021.

Ernest "Turk" Tavares

Turk joined INCOSE May 19th 2020 from GA. He is a Chief Systems Engineer working for KBR. He became a local member of the Southern Maryland Chapter in February of 2021.

15TH ANNIVERSARY

Jennifer Narkevicius

Congratulations on your 15th year anniversary with INCOSE! Jennifer joined March 24th 2006. She is a valued member.

HOW TO FIND OTHER MEMBERS

1. Login to your account at www.incose.org,
2. Go to your name in the upper right and use the dropdown arrow to select the 'Profile Home'
3. Scroll down to the SEARCH MEMBERSHIP DIRECTORY
4. Enter filter criteria and search - easy!

Note: if members opted out of the directory, their names won't appear in the search results.

SOUTHERN MARYLAND CHAPTER MEETINGS

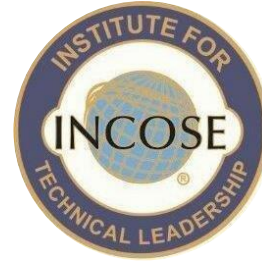
LEADERSHIP MEETING

Our SoMD Chapter Leadership will meet *on the 18th (3rd Thursday) of March* at 7:00 PM, to review the Chapter Strategy and Operations Plans. It is an open meeting. For meeting details contact Steve Mckeowns8@gmail.com

MEMBERSHIP MEETING

There is no chapter meeting in March – see the Upcoming Events for other exciting events

Our next Southern Maryland Chapter Meeting will be on the 27th of April (4th Tuesday) at 7:00 PM



THE INSTITUTE FOR TECHNICAL LEADERSHIP (TLI)

The search for Cohort 7 has begun.

Applicants must first be nominated by an INCOSE leader. Please don't wait, let your Chapter Leadership know if you need a nomination letter! Nominating letters will be sent both to the nominee and to info@incose.org.

Once nominated, participants are required to assemble an application package that includes a nominating letter, letter of organizational support, personal statement and resume. Completed packages should be zipped and e-mailed to info@incose.org not later than March 31, 2021.

Don Gelosh, a TLI Coach will be presenting a brief
Watch for an announcement - coming soon.

UPCOMING EVENTS

- 9 March - MBSE Three Ways - A Trio of Case Studies to Satisfy any Appetite - Los Angeles Chapter
- 10 March - Perspectives on the Boeing 737MAX Maneuvering Characteristics Augmentation System (MCAS) - Enchantment Chapter
- 13 March - Solving Problems with MBSE – Using SysML to Choose Our Path Forward - Los Angeles Chapter
- 17 March - Digital Engineering Implementation Progress - Chesapeake Chapter
- 17 & 22 March 7PM – TLI – SoMD (multiple chapters)