

INTERNATIONAL COUNCIL ON SYSTEMS ENGINEERING

CENTRAL VIRGINIA CHAPTER

www.incose.org/central-virginia

Apr 2022

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Cordially invites you to attend a joint dinner meeting of PMI/CVC and INCOSE/CVC and presentation by:

Nicholas Fronzo

AEGIS Program Director

National Naval Surface Warfare Center, Dahlgren Division

Topic:

**AEGIS Engineering Processes and the Program
Management Organization for Execution
Monitoring and Controls**

At:

Park Lane Tavern

**Spotsylvania Towne Centre, 1 Towne Centre Boulevard, Fredericksburg, VA
(see map)**

Wednesday, 27 April 2022

Times: Social (Cash Bar)	1800	(Everyone Welcome)
Dinner	1830	Charge: INCOSE & PMI Members: \$15.00
		Non-Members: \$20.00
Presentation	1930	Students: \$12.00

Menu: A variety of dinner choices are available for the given price and one coffee, tea or soft beverage.

Price: The cost for members is \$15 including 9% tax and 18% tip. The cost for a nonmember or guest is \$20. Full time students will be charged the reduced rate of \$12.

Contact: Email: Anthony Sirico, (904) 307-7512, Asirico0215@gmail.com or. Eileen B. McConkie, PhD, (540) 845-3438, eileenmc@gwmail.gwu.edu to make your INCOSE reservation and for PMI contact Rod Cutright, (540) 760 5347, Roderick.cutright@gmail.com or Roderick.cutright.ctr@navy.mil.

We ask you to help us out by reserving early. You can always cancel later if things change so you cannot make it. Please come out and support this event so that the Chapter can continue to hold meetings in Fredericksburg on occasion. Thank you.

Abstract: Nick will talk about the AEGIS engineering processes and the program management organization that he uses to execute the program and integrate BL9 and BL 10 Upgrades to Aegis. This is a Joint meeting with PMICVC and the PMI learning points from the 10 knowledge areas and five process groups for their PDU(s) are execute, integrate, monitor and control. and retrofit.

Business Meeting: A short INCOSE business meeting will be held after the presentation to discuss and update on Chapter initiatives and business.

Speaker: Nick holds a MS in Systems Engineering from Navy Postgraduate School and a BS in Electrical Engineering from Rensselaer Polytechnic Institute. He will complete an MBA from the University of Mary Washington in December 2022.

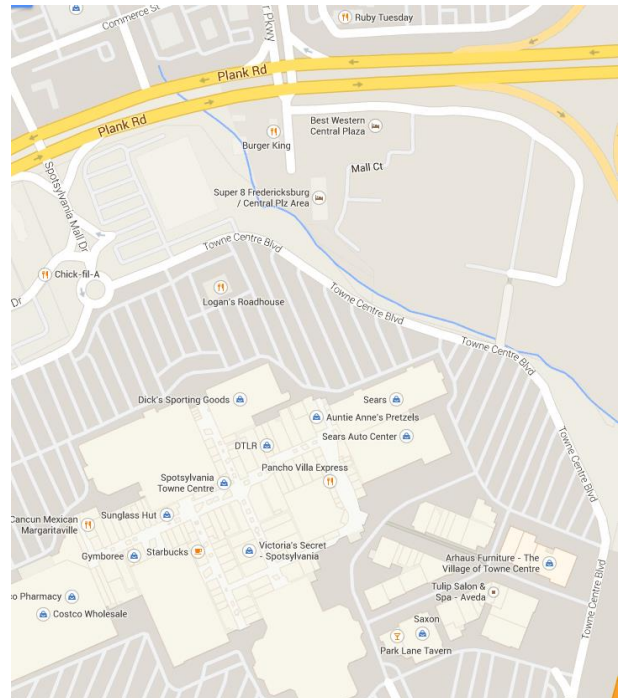
Nick, CMDR Fronzo, is a Surface Warfare Officer in the Navy Reserve and have had 3 combat deployments. He served as the Integrated Air & Missile Defense officer for US Central Command, Fire Control Officer onboard USS Chung-Hoon (DDG 93) and Engineering officer with Mine Countermeasure Crew Fearless.

President's Corner: A dinner meeting has been scheduled at Park Lane Tavern April 27, 2022. Our presenter for April 27 is Mr. Nicholas Fronzo, Naval Surface Warfare Center, Dahlgren Division AEGIS Program Director. He has been in this position since 2012 though he has been in the Aegis Program for several years. Prior to this time he was a systems engineer, developing AEGIS Baseline 8.0 and providing technical support to the in-service AEGIS fleet. I want to personally invite each and every one to the April Joint INCOSER/PMI Chapter meeting April 27. To organize any meeting takes effort, but to sponsor a dinner meeting brings more uncertainty. Many of our Chapter members live or work in Fredericksburg. To better serve them, as well as, give all our members an opportunity to get out on a weekday afternoon and attend an interesting presentation, the chapter is organizing and subsidizing this local meeting. I ask you to help us out by planning to come early. You do not have to make a reservation but it will help planning. For INCOSE contact Anthony Sirico, President, Eileen McConkie, VP, and for PMI contact Rod Cutright, Director, or Marion Karol, VP of Operations, to let us know you plan to come and how many guests you intend to bring. Please come out and support this event.

Want to get more involved? The Chapter is looking for people who want to do more for the Chapter. There are Chapter committee positions that need people to fill them. There are Chapter positions suited for those who can make small or large commitments. Contact the Chapter President for information or attend one of the regularly scheduled Dinner or Executive Committee meetings. To get information on leadership responsibilities go to the Central Virginia Chapter website to view the Bylaws and Constitution, <http://www.incose.org/central-virginia/>.

The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization founded in 1990. Our mission is to advance the state of the art and practice of systems engineering in industry, academia, and government by promoting interdisciplinary, scalable approaches to produce technologically appropriate solutions that meet societal needs.

Map to Park Lane Tavern: Get off Interstate 95 at Exit 130 and go west on Route 3 (Plank Road) and turn left into Spotsylvania Towne Centre Mall. At roundabout go left on Towne Centre Blvd and follow it around to the back of the Mall where one turns right to get to the restaurant as shown on map.



Order Coffee Cups with Chapter Logo: The Chapter will have some coffee cups with the new Chapter logo imprinted on them for mementos for our meeting speakers and for responding members, in the near future. If you would like us to include you on this order, contact Anthont Sirico (see front page). The approximate (at cost) price will be \$13 if you pick the cup at a meeting.

9th Annual Stem Summit: The 9th annual STEM Summit was held on Feb 29, 2020, and was a huge success. I would like to thank David and Rebecca Kreider, Ajoy Muralidhar, John Maresco, Matt Iglesias, and Greg Buchanan for their assistance in manning the INCOSE booth and discussing career choices with the students. The next Summit may be held virtually. POC: Dr. Gregory Chambers, gchambers426@msn.com.

Interested In Becoming an INCOSE Member? If you would like more information about the international Council on Systems Engineering (INCOSE) or you are interested in obtaining information about becoming a member, please contact any of the members of the Executive Committee of the Central Virginia Chapter. Their names and contact information are listed in the "letterhead" located on the first page.

Science Fair Judges and Supporters: On March 5, 2022, the Chapter presented awards at the Virginia Piedmont Regional Science Fair (VPRSF).

The awards consisted of a certificate and check. The first place award was \$100, the second place was \$75 and third place award was \$50, along with Certificates. Dan Vavrick, Director and Science Fair Committee Chairman attended the Regional Fair as judge.

If interested in volunteering or wish for more information on opportunities to participate in Science events, please contact Dan Vavrick or any INCOSE Officer.

The Piedmont Regional Science Fair Web site address is <http://www.vprsf.org/register.htm> to sign up to be a judge, The 2022 Virginia State web site is <http://www.vssef.org>.

From the Desk of the Editor: If you are not on our Chapter's newsletter emailing list, please send me an email and I will make sure to get your name on the list. You will then get future newsletter and meeting announcements. My contact info is on front page.

Again, I want to remind the membership of the efforts that go into organizing a meeting and the efforts of the speaker to prepare his/her presentation. These dinner meetings can only continue with your support. The Officers of the Chapter will continue to arrange excellent programs and the Chapter will continue to subsidize the cost of the meal for all attendees.

I hope that you decide to support this engineering event, of which there are only a few per year. Also, I hope to meet you and get to know you.

Meeting and Events Schedule:

Future Meetings and Events:

Apr 27 2022, 1800: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; Nicholas Fronzo.; Topic: AEGIS Engineering Processes and the Program Management Organization for Execution Monitoring and Controls; Coord: Anthony Sirico

TBD, 2022, 1800: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; TBD; Coord: Anthony Sirico

Past Meetings and Events:

Feb 23 2022, 1800: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; Michael L. Orr.; Topic: The Challenges and Victories of Transitioning to Digital Engineering; Coord: Anthony Sirico

Nov 30 2021, 1730: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; Byron Knight, PhD.; Topic:

The Art of NRO Systems Architecting; Coord: Greg Chambers, PhD

Oct 13 2021, 1730: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; David Maurer, LTC; Topic: The Cuban Missile Crisis 1962; In Extremis Project Management; Coord: Greg Chambers, PhD

Aug 18, 2021, 1800: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; Anthony Sirico; Topic: Machine Learning Techniques for Systems Engineering; Coord: Rod Cutright

Jun 23, 2021, 1800: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; Eileen B. McConkie; Topic: Mathematical Properties of System Readiness Levels; Coord: Rod Cutright

Jan 15, 2020, 1800: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; Gordon J. Gattie; Topic: What Were You Thinking? Investigating Human Judgement Through Probabilistic Functionalism; Coord: Eileen B. McConkie

May, 21 2019, 1800: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; TBD; Topic: A General Theory of System Safety; Coord: Alan Brown

Mar 26, 2019, 1800: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.; George Meadows; Topic: From Virtual to Physical and Back Again: 3D printing and Augmented Reality; Coord: G Chambers

Feb 19, 2019, 1800: Chapter Dinner Mtg; Loc: Park Lane Tavern, Fredericksburg; Spkr.: Gil Goddin.; Topic: Complex System of Systems Control Hierarchy; Coord: Ajoy Muralidhar