

ANNUAL GENERAL MEETING

August 4, 2020



www.incose.org/cleveland

Agenda



- **Welcome / Introductions**
- **C-NO INCOSE Virtual**
- **Silver Circle Award**
- **General INCOSE Information**
- **Chapter Meeting Schedule / Speakers**
- **Budget Overview**
- **Chapter Survey**
- **Certification Information**
- **Closing Thoughts**



Welcome / Introductions
C-NO INCOSE
Silver Circle Award
Tim Schuler

Welcome / Introductions



- **Welcome**
- **Introductions**
 - **Tim Schuler, President**
 - **Sastry Kasibhatla, At-Large Director**
 - **Dennis Rohn, Secretary / Membership Chair / Webmaster**
 - **Marian Cronin, Treasurer**
 - **Sean Beckman, Communications Chair**
 - **Past Presidents in attendance**
 - **Carl Dister**
 - **Cody Farinacci**
 - **Bill Klinger**

C-NO INCOSE Virtual



- **Current C-NO membership spans the state of Ohio (47 active members)**
 - Cincinnati – Steubenville – Toledo – Norton – North Canton
 - 4 members out of state (Michigan, Pennsylvania, California)
 - 29 members in the Northeastern Ohio area
- **In early 2020, the Board decided to invest in the tools and efforts necessary to improve our “virtual” communication methods**
- **March 2020 – COVID-19**
- **INCOSE shifted focus and emphasis towards online collaboration**
- **INCOSE C-NO pivoted to an all-virtual approach to the balance of the year**
 - All Chapter and Board meetings virtual
 - Expand invites to regional chapters, potentially nationally

2019 Chapter Circle Award - Silver



Cleveland - Northern Ohio Chapter

University Outreach



Roundhouse Tour



GLRC 13





General INCOSE Information

Dennis Rohn

IS2020 & Future ISs/IWs



- Held Virtually
 - Over 500 registrants
 - 81 presentations
- Some general content available at: <https://conference.confir.com/IS2020/>
 - Closing Video: https://conference.confir.com/IS2020/public-video/IS2020_Closing.mp4
- IW2021 – Jan 29-31, 2021 Seville, Spain – details in work
- IS2021 – July 17-22, 2021 Honolulu, HI, USA
- IS2022 – Returning to Capetown, South Africa

INCOSE Strategy Sessions



Strategy Session, previously held in conjunction with IS/IW, will now be held as separate events

- Session 1: Building the INCOSE Grand Challenges Program
August 3, 10:00am-1:30pm GMT/UTC
- Session 2: Creating the Professional Development Portal User Journey
August 3, 2:00pm-5:30pm GMT/UTC
- Session 3: Life in INCOSE after COVID19
August 4, 10:00am-1:30pm GMT/UTC
- Session 4: Joining Together Systems and Software Engineering
August 4, 2:00pm-5:30pm GMT/UTC

Systems Exchange Cafés



The Systems Exchange Café is a virtual meeting run on Zoom. It is based on the idea of a “book club”, where attendees come to meeting to discuss a book they agreed to read the time before. In the meeting they raise points raised in the book, debate the issues, and select a book for next time.

- <https://www.incose.org/about-incose/community/virtual-cafe>
- Every Two Weeks
- Fir Tree Café: (Tuesday 7pm EDT) – 8/11
- Oak Tree Café: (Wednesday 3am EDT) – 8/5
- Maple Tree Café: (Friday 11am EDT) – 8/14
- Topics for future meetings are drawn from attendees



LA Chapter Virtual Training Days



Test Like You Fly

- Monday – Tuesday, August 17-18, 2020, 7:00 - 9:00 PM, EDT time each day
- Please join us for a workshop where you will learn "The Test Like You Fly (TLYF) Process – Creating Operationally Realistic Tests and finding Mission Critical Faults Before It's Too Late"
- Open to members & non-members
- Trainer: Julie White, The Aerospace Corporation
- RSVP: 8/15/2020
- Cost: Free
- Host: Dorothy Benveniste, Cell: 310.390.9384, Email: djbenven@ca.rr.com
- <http://events.r20.constantcontact.com/register/event?oeidk=a07eh6kmtkz6b52317e&llr=l4ihvgeab>



Western States Regional Conference



Celebrating the Sound of Systems Engineering

- September 17-19, 2020
- <https://www.incose.org/wsrc/wsrc2020/home/>
- \$100 (if before Aug 17)
- Keynote Speakers
 - Ms. Christi Gau Pagnanelli; Director, Systems Engineering, Boeing Defense, Space and Security; Topic: *Migrating to MBSE on Legacy and New Programs*
 - Mr. Peter Brown; Director, Systems Engineering and Integration, Sound Transit; Topic: *Engineering America's Most Ambitious Regional Transit Expansion*
 - Mr. Geoff Austin; Chief Operating Officer at University of Washington Medical Center / Northwest Hospital & Medical Center; Topic: *Never Let a Good Crisis Go to Waste: The significant opportunities for healthcare improvement through the wake of the COVID-19 pandemic*
 - Mr. Eric Williams; Director of Engineering, TerraPower; Topic: *Nuclear Technology Development with Systems Engineering*



Great Lakes Regional Conference



- Mobility Systems - Land, Sea, Air and Space
- The 2020 conference has been deferred until April 11-14, 2021
- Held in Detroit Michigan
- Details pending



Additional Items of Interest



- INCOSE Website:
 - Volunteer Opportunities:
 - <https://www.incose.org/about-incose/volunteer-opportunities/vo-request>
 - open volunteer opportunities and can sign up for other or future openings
 - Ask the Board
 - <https://connect.incose.org/SitePages/Ask%20the%20Board.aspx>
 - Can ask the INCOSE BoD questions (private or shared)
- Member Profile:
 - Due to EU GDPR, INCOSE has implemented privacy policies
 - Defaults may be set to Opt Out; check your profile

Conference on Systems Engineering Research (CSER) 2020



Recent Trends and Advances in Model-based Systems Engineering

- Now Completely Virtual from October 08 to 10, 2020
- <https://cser2020.org/>
- **Keynote Speakers:**
 - **Gen. (Ret.) Ellen M. Pawlikowski**, Judge Widney Professor, University of Southern California
 - **Lt. Gen. (Ret.) Larry James**, Deputy Director, Jet Propulsion Lab
 - **Mr. Scott Miller**, Executive Chief Engineer, Automated Driving, and Executive Director, AV/EV Integration, GM
 - **Mr. Jon Damush**, Senior Director, New Business Ventures, Boeing NeXt
- **Luncheon Keynote:**
 - **Prof. Garrett Reisman**, Astronautical Engineering, University of Southern California



New Requirements WG Exchange Café

- August 6, 5:00 pm EDT, and ~monthly thereafter
- The café is open to all (not just RWG INCOSE members)
- The topic for the first session will focus on the trends attendees are seeing that are shaping or reshaping the practice of SE from their unique perspectives in the context of needs, requirements, verification, and validation as their or other organizations are moving toward a more data-centric practice of Systems Engineering.
- Future topics will be defined by the attendees at the café
- Zoom Meeting:
 - <https://incose-org.zoom.us/j/98725870957?pwd=cjlrTHh0Zy9wTWFFYYUZDc044QVlwZz09>
 - Meeting ID: 987 2587 0957
 - Passcode: 080620

Chapter Meeting Schedule / Speakers

Budget Overview

Marian Cronin

Chapter Meeting Schedule / Speakers



- Tuesday, August 4 – Annual Chapter Meeting
- Tuesday, August 18 – Rick Hefner, PhD, Resiliency in Systems Engineering
- Tuesday, September 15 – Brian Hallett et al, SE applied to power outages
- Tuesday, October 20 – Jim Armstrong, Stevens Institute, Famous Failures Revisited
- Tuesday, November 17 - TBD
- Tuesday, December 15 – Holiday Social (even virtual)

Annual Budget CY 2020



	Budget First Half	Budget Second Half	Budget 2020 Totals
Income			
1/2 Year Shares	\$550	\$550	\$1,100
Grants from Tech Ops	\$0	\$0	\$0
Surplus Sharing (GLRC PDD)	\$0	\$0	\$0
Meeting Receipts	\$0	\$0	\$0
Sales of Items	\$0	\$0	\$0
Total Income	\$550	\$550	\$1,100
Expenses			
Speaker Honoraria	\$0	\$1,000	\$1,000
Wine donation	\$0	\$100	\$100
Grants for Conference attendance	\$0	\$0	\$0
Office expenses	\$0	\$0	\$0
Banking fees	\$0	\$0	\$0
Affiliate organization fees	\$0	\$0	\$0
Meeting Expenses	\$50	\$50	\$100
Cost of Items sold	\$0	\$0	\$0
Flat Fee for SE PDD participation	\$0	\$0	\$0
Chapter Outreach Expenses			
<i>Banner and stand</i>			
<i>Print updated brochures</i>	0	0	0
Total Expenses	\$50	\$1,150	\$1,200
Total Income over Expenses	\$500	-\$600	-\$100



Chapter Survey
Certification Information
Closing Thoughts
Tim Schuler

Chapter Survey



- Survey Monkey sent 8/3; survey will run one week
- Survey sent to Chapter members only (4 less due to opt-out requests)
- 10 questions
- Questions largely focused on shift to virtual and Chapter meeting content
- Assess results and develop action plan at next Board meeting
- Report results and action plan to Chapter members via email

Three SE Certification Levels



If you have just started practicing – or want to start practicing – systems engineering, then ASEP is for you. This certification is for people at the beginning of their career as a systems engineer. The ASEP has “book knowledge” but not yet significant experience as a systems engineer.



If you are a practicing Systems Engineer with more than five years of systems engineering professional work experience, then CSEP is for you.



If you are a systems engineering leader with recognized systems accomplishments and have many years of systems engineering professional work experience, then ESEP is for you.

For more information on SE Certification, go to:
<https://www.incose.org/systems-engineering-certification/>

Now that I'm certified ...

Congratulations on earning your ESEP, CSEP, or ASEP designation. You are now recognized as part of a world-wide group of systems engineering professionals. This website provides you links and references that may be of use to you as a SEP. Please send suggestions for additional resources that could be added to this site to the [INCOSE Certification Office \(certification@incose.org\)](mailto:certification@incose.org).

[How Do I renew?](#)

What It Means To Be an INCOSE SEP

INCOSE Past President John Thomas has drafted a paper on what it truly means to be a Systems Engineering Professional as intended for INCOSE's multi-level certification program. A copy of this paper can be downloaded [here](#).

Write New Exam Questions

INCOSE's knowledge exam is a multiple-choice test based on the content of the INCOSE Systems Engineering Handbook. The exam is developed through the use of volunteer Systems Engineering Professionals (SEPs) and expert psychometricians. Learn more: <https://www.incose.org/systems-engineering-certification/exam-item-writing>

Certification Program Overview Charts

The INCOSE Certification Program has several overview briefings available for distribution or presentation.

- ➔ [INCOSE SEP Overview](#)
- [INCOSE SEP Statistics](#)
- [CER-PROC-01 SEP Program Definition and Requirements](#)
- ➔ [Fundamentals of INCOSE Certification](#)

https://www.incose.org/docs/default-source/certification/incose-sep-overview.pptx?sfvrsn=7b4db9c6_16

https://www.incose.org/docs/default-source/certification/webinar-139-wright_cantarino-fundamentals-of-incose-certificationv2.pptx?sfvrsn=48799bc6_0

Closing Thoughts



- This is your Chapter
- Bring your ideas
- What Chapter topics are important to you?
- Article submission for newsletters
- How did you enter the SE field?
- Know of any local organizations with a large SE contingent?
- 2021 election slate - October



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