



INCOSE Chicagoland Chapter Monthly Chapter Meeting Agenda

August 20, 2020

Please MUTE your phone



Agenda

- **6:30 – 7:00 PM CT** – Welcome, Announcements, Intros
- **7:00 – 7:15 PM CT** – Feature Presentation

Systems Engineering through Crisis:

The Medical Device Industry Response to COVID-19



Welcome remote attendees!





Chicagoland Chapter Celebrates Tenth Anniversary Online!



Our Chapter 10th Anniversary celebration will feature a live presentation by Tony Williams, INCOSE Director, Americas Sector.

December 17, 2020





To commemorate our 10th year of operation, the Chapter Board Of Directors have commissioned a commemorative padfolio

- All active INCOSE Chicagoland members (regular, senior and student) as of September 30, 2020 will receive a padfolio
- Padfolios will be shipped free of charge to each Chapter member's address as listed in their INCOSE Membership Profile (US addresses only).
- Please ensure that your address in your Member Profile is up to date.
- Non-members will be able to purchase a padfolio from the Chapter web site.
- Padfolios will be shipped in the first week of October.





MEMBERSHIP



New Members

Welcome New Members within the last month:

<u>Name</u>	<u>Company/Institution</u>
Robert Ras	University of Illinois
Srinivasa Veerappa Reddy	Progress Rail
Xiaoxiao Lu	



Renewing Members

Thank You for renewing your membership

<u>Name</u>	<u>Company/Institution</u>
Bruce Beihoff	Sysdynetics LLC
Jeremy Feldstein	Northrop Grumman
Kurt Fenske	Oshkosh Defense
Charles Johnson	Gilson, Inc.
Phil Schaefer	Johnson Controls, Inc
Pierre VanHuyssteen	Korry Electronics Co.



Benefits of INCOSE Membership

Professional Development

1. **Monthly speakers at Chapter Meetings** on topics relevant to System Engineering (later in this meeting)

2. **Monthly Webinars** on topics relevant to System Engineering (hosted by INCOSE Central). **SEPs can earn PDUs for attending!**

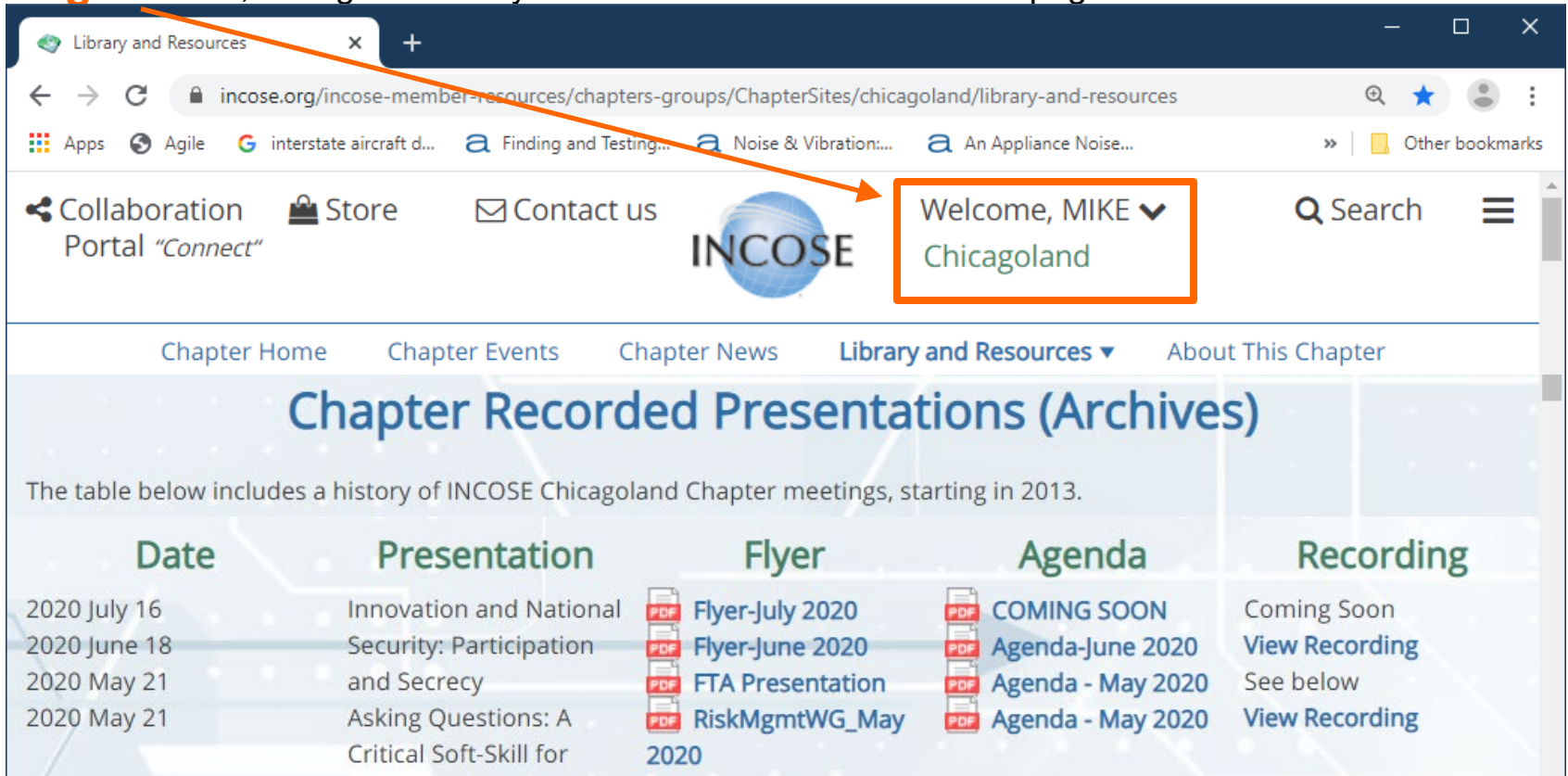


Benefits of INCOSE Membership









Professional Development (cont.)

3. Recordings of speakers at Chapter Meetings from previous months

Log in first, then go to Library and Resources tab of our home page



The screenshot shows a web browser window with the URL incose.org/incose-member-resources/chapters-groups/ChapterSites/chicagoland/library-and-resources. The page features a navigation bar with links for Collaboration Portal "Connect", Store, Contact us, and the INCOSE logo. A user is logged in as "MIKE" under the "Chicagoland" chapter, indicated by a dropdown menu. The main content area is titled "Chapter Recorded Presentations (Archives)" and includes a table of past meetings.

Date	Presentation	Flyer	Agenda	Recording
2020 July 16	Innovation and National	 Flyer-July 2020	 COMING SOON	Coming Soon
2020 June 18	Security: Participation	 Flyer-June 2020	 Agenda-June 2020	View Recording
2020 May 21	and Secrecy	 FTA Presentation	 Agenda - May 2020	See below
2020 May 21	Asking Questions: A	 RiskMgmtWG_May 2020	 Agenda - May 2020	View Recording
	Critical Soft-Skill for			



Benefits of INCOSE Membership (Cont.)

Professional Development (cont.)

4. Access to INCOSE Periodicals:

Digital versions are included with your membership. All published 4 times per year.

a) Systems Engineering (SE) Journal

Systems Engineering, INCOSE's scholarly journal, is a primary source of multidisciplinary information for the systems engineering and management of products and services, and processes of all types.

Members may access the journal online at the [Wiley InterScience - Systems Engineering](https://onlinelibrary.wiley.com/journal/15206858) site: <https://onlinelibrary.wiley.com/journal/15206858>

b) INSIGHT Magazine

INSIGHT is the Practitioners' Magazine of INCOSE.

Members may access the magazine online at the Connect site: <https://connect.incose.org/Library/InsightMagazine/default.aspx>

c) INCOSE Members Newsletter

Emailed out to members each quarter.



Benefits of INCOSE Membership

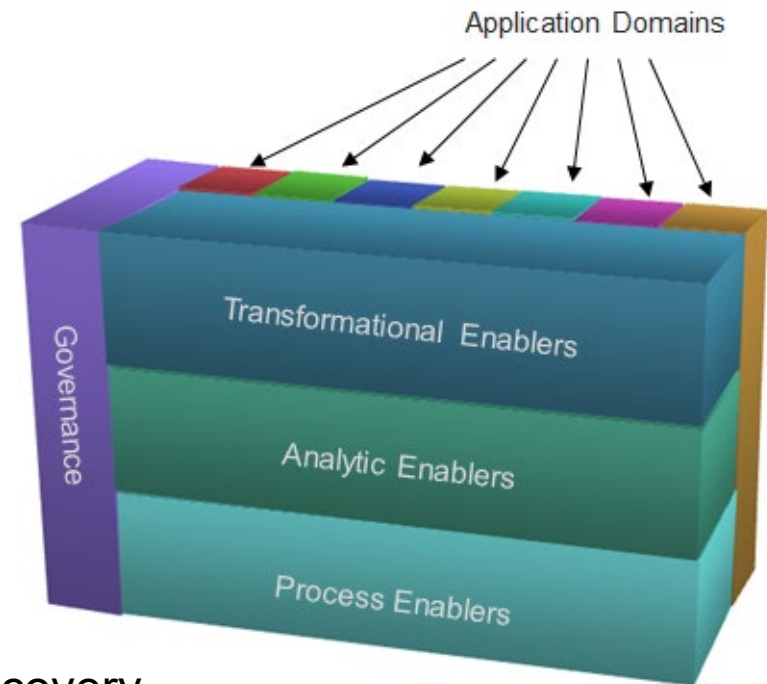
Professional Development (cont.)

5. Access to the output of **48 INCOSE Working Groups**

<https://www.incose.org/iw2020/program/working-group-information-sheet>

Just a few examples:

- Automotive
- Lean Systems Engineering
- Configuration Management
- Healthcare
- Risk Management
- Natural Systems
- Systems Security Engineering
- Training
- Critical Infrastructure Protection and Recovery





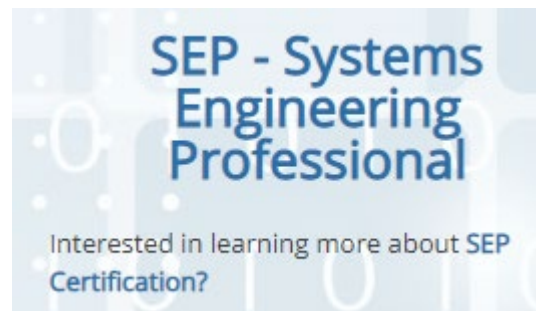
Benefits of INCOSE Membership (Cont.)

Professional Development (cont.)

6. INCOSE Connect: content developed by Chapters and Working Groups
(Click on “INCOSE CONNECT” on the Chapter’s home page)



7. System Engineering Certification (ASEP, CSEP, ESEP)
(Click on “SEP Certification” on the Chapter’s home page)





Benefits of INCOSE Membership (Cont.)

Professional Development (cont.)

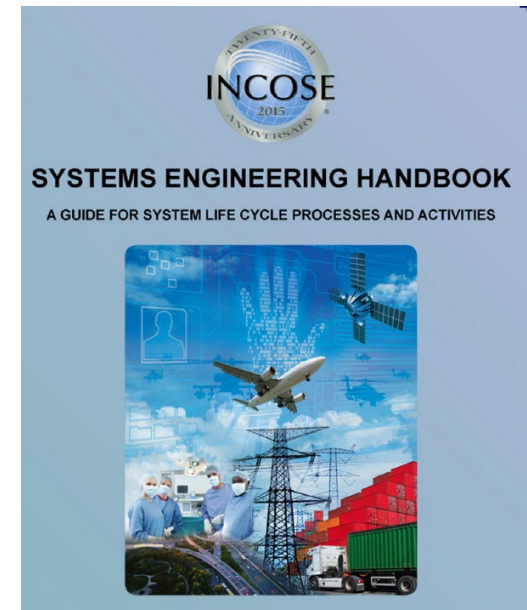
9. Access to the INCOSE Store for discounted and **free** publications:



Current texts on Systems Engineering, including

- Systems Product Line Engineering Handbook
- Guide for Writing Requirements
- System of Systems Primer
- Product Line Engineering Primer
- Systems Engineering Handbook

Free to download





Benefits of INCOSE Membership (Cont.)

Professional Development (cont.)

10. Access to Tweets on **new job leads** (from Chapter web site):

Missing out on chapter news, events and promotions? Get on our [email list](#)!

Have a question for the INCOSE Chicagoland Chapter? email us at incose.chicago@gmail.com



11. Access to INCOSE's **System Engineering Job Board**:

<http://incose.careerwebsite.com/>

12. Free Resume Review Service

Email your resume to incose.resume@gmail.com for a review by Systems Engineering managers.



Benefits of INCOSE Membership (Cont.)

13. Networking Opportunities

18,000+ INCOSE members worldwide

Networking for yourself and for employees!

- Before and after Chapter events

- Supporting your Chapter

- Supporting a Working Group

- Workshops/Symposiums

- Share SE Job postings at meetings & in members-only e-mail

14. Leadership Opportunities

Chapter Board of Directors (listed on Chapter website, under 'About This Chapter')

Chapter Committee participation

- Micro-volunteering Roles Available**

- (Roles as small as data entry or company networking)

Working Group participation (Two board members co-chair working groups!)



Benefits of INCOSE Membership (Cont.)

16. Helping Others

- Share SE knowledge/experience with:
 - New SEs
 - Professional Societies
 - K-12, college students
- Advance the art/profession of Systems Engineering
- Establish your brand
- “Pay It Forward”



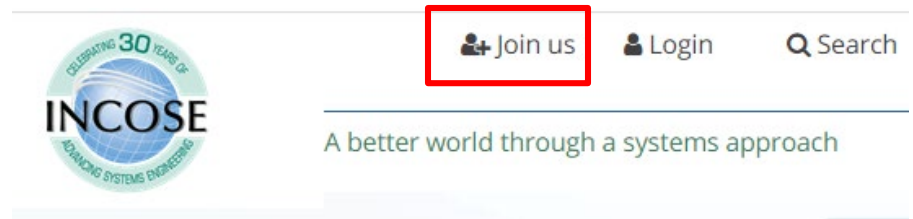
How to Join INCOSE

1. Go to www.incose.org
2. Click on “Join us”
3. Provide information, including your company / institution. This helps the chapter identify programs that will be of interest to the greatest number of chapter members.
4. Select chapter affiliation – “Chicagoland”
5. Pay \$160 for 1-year membership (or select a longer term at a lower rate)

Student membership - \$50

Refer a new member? Get an Amazon gift card!

Email Richard Matt, Membership Chair, at richard.matt@incose.org





SE CERTIFICATION



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/>



SE Certification Levels for experienced practitioners



**WE KNOW A THING OR TWO BECAUSE
WE'VE SEEN A THING OR TWO.**



Certification provides a means to be recognized for your knowledge and years of SE experience.



SEP Certification Mentors

If:

- you are an INCOSE member, and
- you are interested in becoming certified as a Systems Engineering Professional (SEP), and
- you have questions about the certification process

Then:

- you can contact one of our SEP Certification Mentors for assistance in getting your questions answered:

INCOSE Member	SEP Level achieved	Email Address
Steve Perich	CSEP	chitownse2@yahoo.com
Russell Kubychек	CSEP	crk022@gmail.com
Chris Freund	ASEP	cfreund7@gmail.com



NEW SCHAUMBURG MEETING LOCATION

Aerotek and EASi Engineering Services



1501 E. Woodfield Rd Suite 300N
Schaumburg, IL 60173



starting date pending



VOLUNTEER OPPORTUNITIES



Chicagoland BoD Volunteer Openings

We are looking for volunteers to fill the key openings on the Chicagoland Chapter BoD, Vice President

Also, always looking for company ambassadors

If interested in volunteering, please contact:
Mike Gut, Chapter President, via email at:

mike.gut@incose.org



UPCOMING INCOSE EVENTS



Upcoming Board Meetings

Board Meetings on the first Thursday of each month

- Meetings are open to all members
- Next meeting: Thursday, **September 2**, 7:00 – 9:00 PM CT
(virtual mtg - attend via web conference)
- Plenty of opportunities to get involved!
 - Leadership and contributor opportunities available
 - Grow your networking!

Interested in helping out?

Contact: Mike Gut, Chapter President, via email:

mike.gut@incose.org



Upcoming Chapter Meetings

September 17 - Drones, Drones, Everywhere!

This presentation will highlight several near and long term initiatives for integrating unmanned aircraft systems in the public domain and some of the key challenges and considerations from a systems engineering perspective.

Presenters:

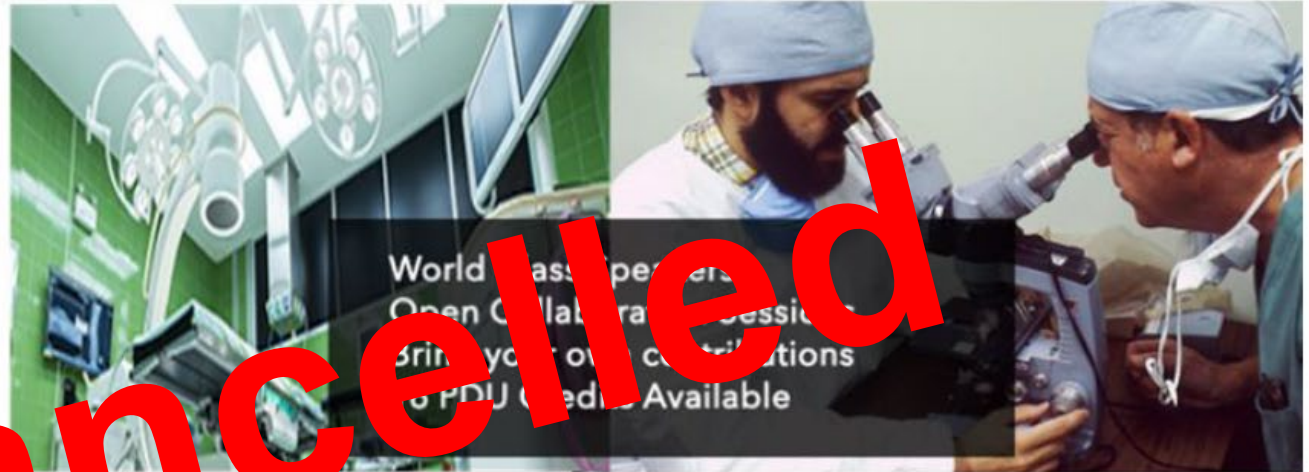
Addam Jordan, CNA Center for Enterprise Systems Modernization

Adam Monsalve, CNA Center for Data Management and Analytics

as always, third Thursday of the month!



6th Annual Systems Engineering in Healthcare Conference



Minneapolis, MN

Theme: Advancing the Practice of Systems Engineering in the Healthcare Industry

For more info, go to

<https://www.incose.org/hwg-conference>

The Chicagoland Chapter
is a SILVER SPONSOR of
this conference.

Check back for fall 2021!



INTRODUCTIONS



Personal Introductions

For this online meeting, we will do individual introductions, proceeding in the order of the day of your birthday: ***1st, 2nd, 3rd, etc.***

Stay muted, then unmute when you want to speak, then mute yourself when finished

- Name, Title & what do you do (30 seconds)
- Company / locale
- Are you an INCOSE member, and if so, for how long?
- Job opportunities at your company, if any, or announce if you are looking for an opportunity



FEATURE PRESENTATION



Tonight's Presentation

Systems Engineering through Crisis: The Medical Device Industry Response to COVID-19

Sam Planas, Systems Engineer, Fresenius Kabi



[Transfer Screen to Presenter - Wait for Starting Slide, Introduce Speaker, Start recording]



Thank You for attending!
See you at next month's Chapter Meeting!

Drones, Drones, Everywhere!

Presenters: Addam Jordan and Adam Monsalve of CNA, a nonprofit research and analysis organization located in Arlington, VA.

Go to cna.org to learn more about this 77-year-old organization, and how they pioneered the field of operations research by helping the Navy address the German U-boat threat.