



CHICAGOLAND



# **INCOSE Chicagoland Chapter Monthly Chapter Meeting Agenda**

**May 20, 2021**

Please MUTE your phone



## Agenda

- **6:30 – 7:00 PM CT** – Welcome, Announcements, Intros
- **7:00 – 8:30 PM CT** – Feature Presentation

INCOSE "System of Systems" Working Group Overview

Dr. Judith Dahmann

MITRE Corporation & Co-Chair INCOSE SoS WG



CHICAGOLAND



# MEMBERSHIP



## Renewing Members

Thank You for renewing your membership

<b>Name</b>	<b>Company/Institution</b>
John Dumas	AbbVie
Alessandro Orsi	Siemens
Naweed Paya	
Stephen Perich	AbbVie, Inc.
Brett Peters	
Jim Streed	Motorola Solutions
Kaykham Sysounthorn	Northrop Grumman



# 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!**

[incose.org/about-incose/community/webinar-showcase](https://incose.org/about-incose/community/webinar-showcase)

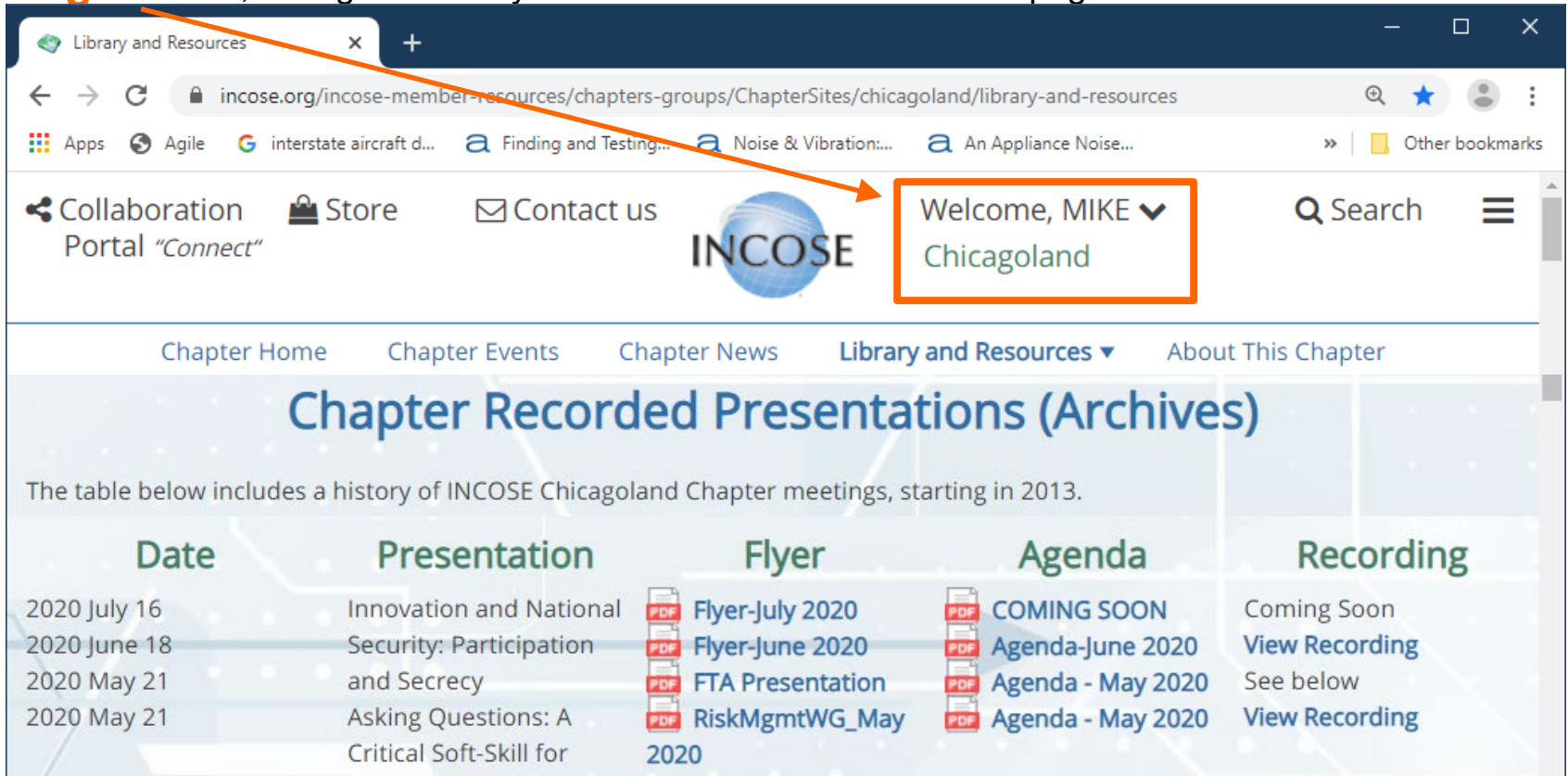


# Benefits of INCOSE Membership

## 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



Library and Resources









incose.org/incose-member-resources/chapters-groups/ChapterSites/chicagoland/library-and-resources

Collaboration Portal "Connect" Store Contact us INCOSE Welcome, MIKE Chicagoland Search

Chapter Home Chapter Events Chapter News **Library and Resources** About This Chapter

## Chapter Recorded Presentations (Archives)

The table below includes a history of INCOSE Chicagoland Chapter meetings, starting in 2013.

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



## 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

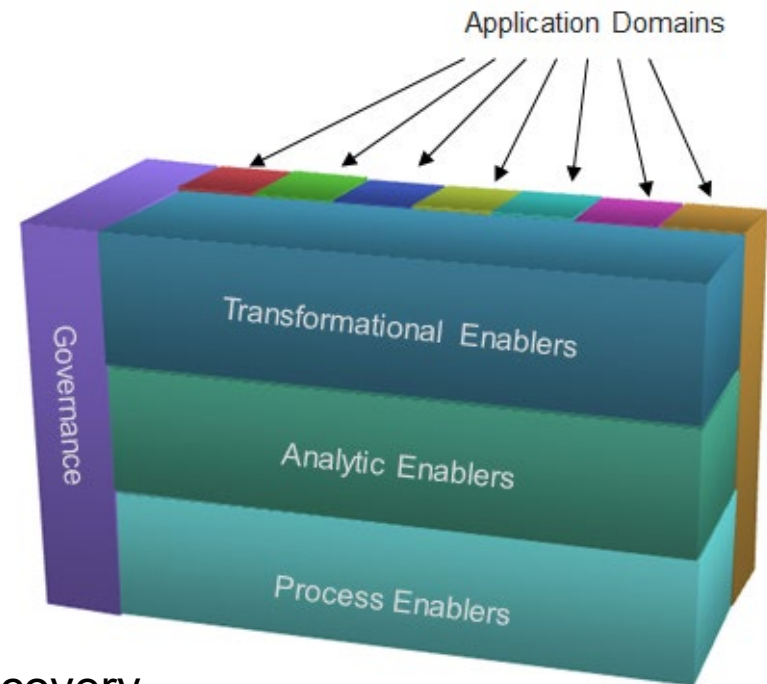
## Professional Development (cont.)

### 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







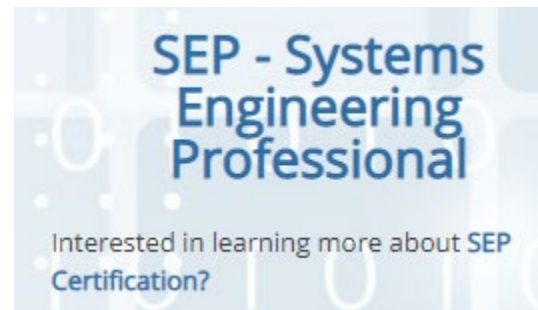
## Benefits of INCOSE Membership (Cont.)

### 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.)

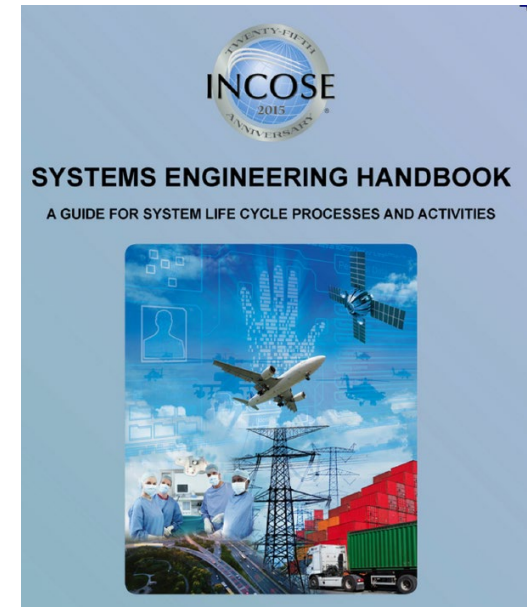
7. Access to the INCOSE Store for discounted and **free** publications:



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.)

#### 8. 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](mailto:incose.chicago@gmail.com)



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

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

#### 10. Free Resume Review Service

Email your resume to [incose.resume@gmail.com](mailto:incose.resume@gmail.com) for a review by Systems Engineering managers.



## Benefits of INCOSE Membership (Cont.)

### 11. 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

### 12. 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.)

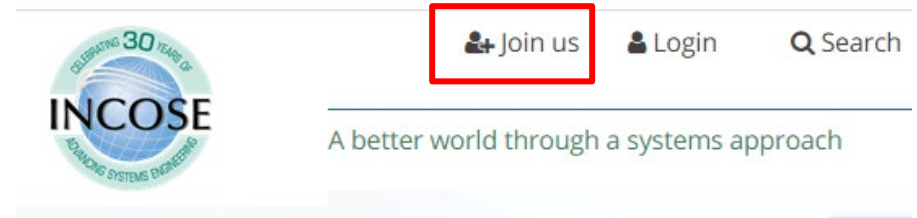
### 13. Helping Others

- 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](http://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](mailto: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
Chris Freund	ASEP	cfreund7@gmail.com



# CHAPTER CIRCLE AWARDS



## Circle Awards Program

- Incentive program to encourage Chapter activities that support the objectives of INCOSE
- The Chicagoland Chapter has been awarded the **GOLD** Award for 2020 !
- Chapter history: Platinum 2017 & 2019, Gold 2018, 2016 to 2012, Silver 2011, Bronze 2009



2020



2017  
2019



2018  
2012-2016



2011



2009



## NEW SCHAUMBURG MEETING LOCATION

# Aerotek and EASi Engineering Services



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



***starting date pending***



CHICAGOLAND



# VOLUNTEER OPPORTUNITIES



## **Volunteer Opportunities**

**These positions are open**

Ambassador (for your company)

Volunteer Coordinator

**Interested in helping out?**

Contact: Mike Gut, Chapter President, via email:

[mike.gut@incose.org](mailto: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, **June 3**, 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](mailto:mike.gut@incose.org)



CHICAGOLAND



## INCOSE Chicagoland Summer Social



**Date:** Thursday, June 10  
**Location:** City Works Eatery & Pour House - Schaumburg  
**Time:** 6:30 – 8:30 PM

The INCOSE Chicagoland Chapter and your systems Engineering colleagues would like to catch up with you this Summer!

Join us after work, on the outdoor patio for a celebration of nice weather, good friends, and some cold drinks.

Let us know you're coming by registering at Eventbrite:



<https://incose-chicagoland-summer-social.eventbrite.com>



# 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

[Start recording]



## Tonight's Presentation

### **INCOSE "System of Systems" Working Group Overview**



**Dr. Judith S. Dahmann**  
**Co-Chair INCOSE SoS Working**  
**Group**  
**Technical Fellow**  
**The MITRE Corporation**

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



**Thank you for attending, see you next month!**

Engineering Life Cycle Management  
--- Double your productivity with AI

Presented by M. Kevin McHugh  
IBM Executive Technical Specialist

***Thursday, June 17!***