



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

**April 15, 2021**

Please MUTE your phone



## Agenda

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

Engineering Better Systems: the role of performance modeling in delivering customer-perceived quality  
Jim Streed, Motorola Solutions



# MEMBERSHIP



## New Members

Welcome New Members within the last month:

<b><u>Name</u></b>	<b><u>Company/Institution</u></b>
Zak Staniszewski	Phoenix LLC



## Renewing Members

Thank You for renewing your membership

<b><u>Name</u></b>	<b><u>Company/Institution</u></b>
Malathi Narnur	CNH Industrial
Mike Gut	ICU Medical
Soubhagya	Shekhar



# 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)

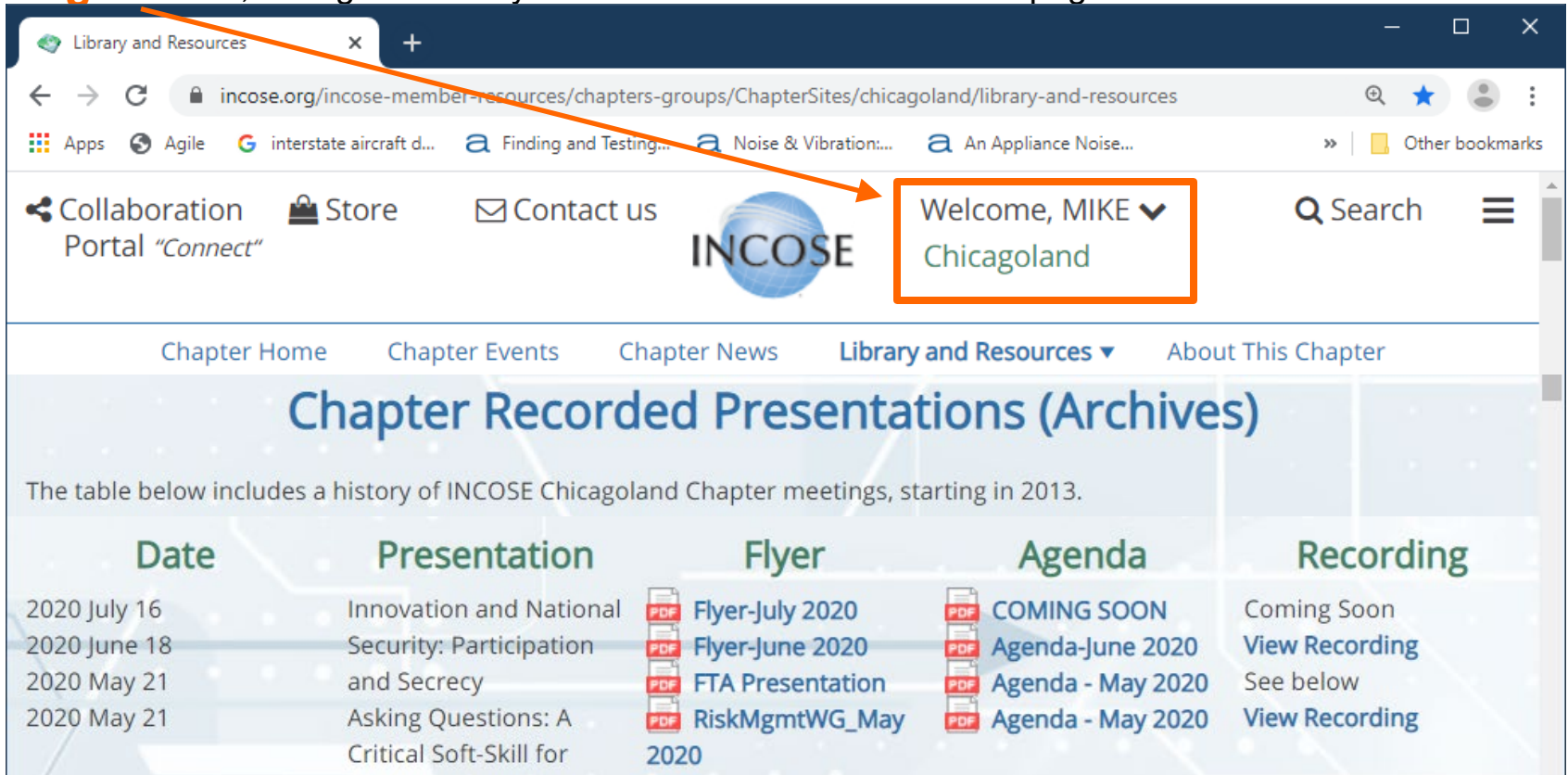


## Benefits of INCOSE Membership









### 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



The screenshot shows a web browser window with the URL [incose.org/incose-member-resources/chapters-groups/ChapterSites/chicagoland/library-and-resources](https://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	 <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	 <a href="#">RiskMgmtWG_May 2020</a>	 <a href="#">Agenda - May 2020</a>	<a href="#">View Recording</a>
	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

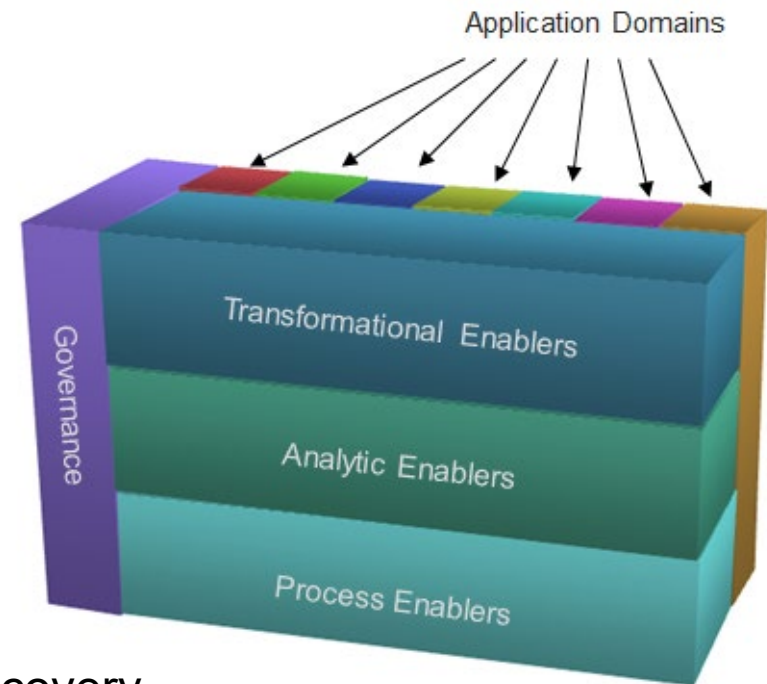
## Professional Development (cont.)

### 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





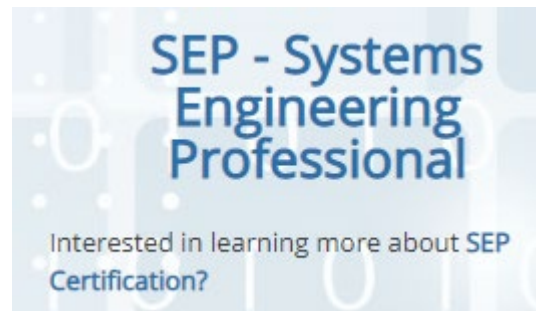
## Benefits of INCOSE Membership (Cont.)

### 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.)

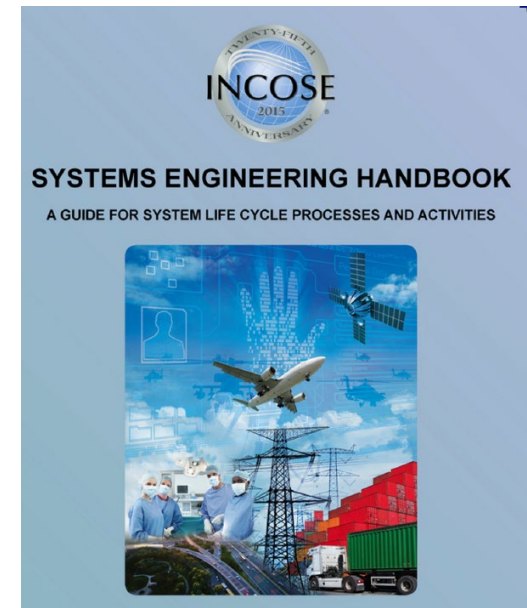
9. Access to the INCOSE Store for discounted and **free** publications:



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](mailto: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](mailto: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](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)



 Join us

 Login

 Search

A better world through a systems approach





# 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



**EASi**®  
Amazing Begins Here™

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



***starting date pending***





# **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, May 6, 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)



*Sector*  
*Americas* ★  
NC-GLRC


*INCOSE Chapters  
Regional Conference*





**Virtual Regional  
Conference and Workshop**

**April 9-17, 2021**

 **Systems Engineering  
Capability and Competency**



## **14th Annual INCOSE Americas North-Central and Great Lakes Regional Conference (NC-GLRC14)**

- ☐ **Registration still open OPEN for this all-virtual event**
- ☐ **Over 20 presentations scheduled for April 16 and 17**
- ☐ **On-Demand viewing of session recordings though May 17, 2021**

[www.incose.org/GLRC](http://www.incose.org/GLRC)





# Spring Tutorial

## Systems Engineering for Legacy Systems

Instructor – David D. Walden, ESEP

Date: Friday & Saturday, 30 April – 1 May

08:00 -13:00 Central Time

Delivered Virtually, via Zoom



*In this seminar, you will learn*

- How to effectively plan and manage a Brownfield development effort
- How to perform a site survey and as-is system reconstruction
- How Brownfield development affects your requirements, architecture, and design
- How to effectively integrate your systems in a Brownfield development environment
- Effective verification and validation in a Brownfield development environment





# 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

**Engineering Better Systems: the role of performance modeling in delivering customer-perceived quality**



**Jim Streed**  
**Motorola Solutions**

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



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

**Topic: System of Systems Working Group update**  
**Presenter: Dr. Judith Dahmann**  
**MITRE Corporation &**  
**Co-Chair INCOSE SoS Working Group**

***Thursday, May 20!***