



# **INCOSE Chicagoland Chapter Meeting Agenda**

January 21, 2021

Please MUTE your phone



## Agenda

- **6:30 – 7:00 PM CT** – Welcome and Announcements
- **7:00 – 7:30 PM CT** – Chapter Annual General Meeting
- **7:30 – 8:45 PM CT** – Feature Presentation, Q&A



# MEMBERSHIP



## New Members

Welcome New Members within the last month:

<u>Name</u>	<u>Company/Institution</u>
Craig Jacobson	Phoenix, LLC
Casey Lamers	Phoenix, LLC



## Renewing Members

Thank You for renewing your membership

Name	Company/Institution
James Albers Frandy Cador	Colorado State University Systems Engineering Program
Patrick Gustafson	
Jeff Kitcheos	
Al Korzonas	
Larry Maggiano	Analog Devices, Inc.
Andy Organ	
Simonetta O'Riordan-Adjah	
Philip Santoro	Northrop Grumman
Daniel Sobczynski	
John Vittallo	
	S&C Electric



# 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)

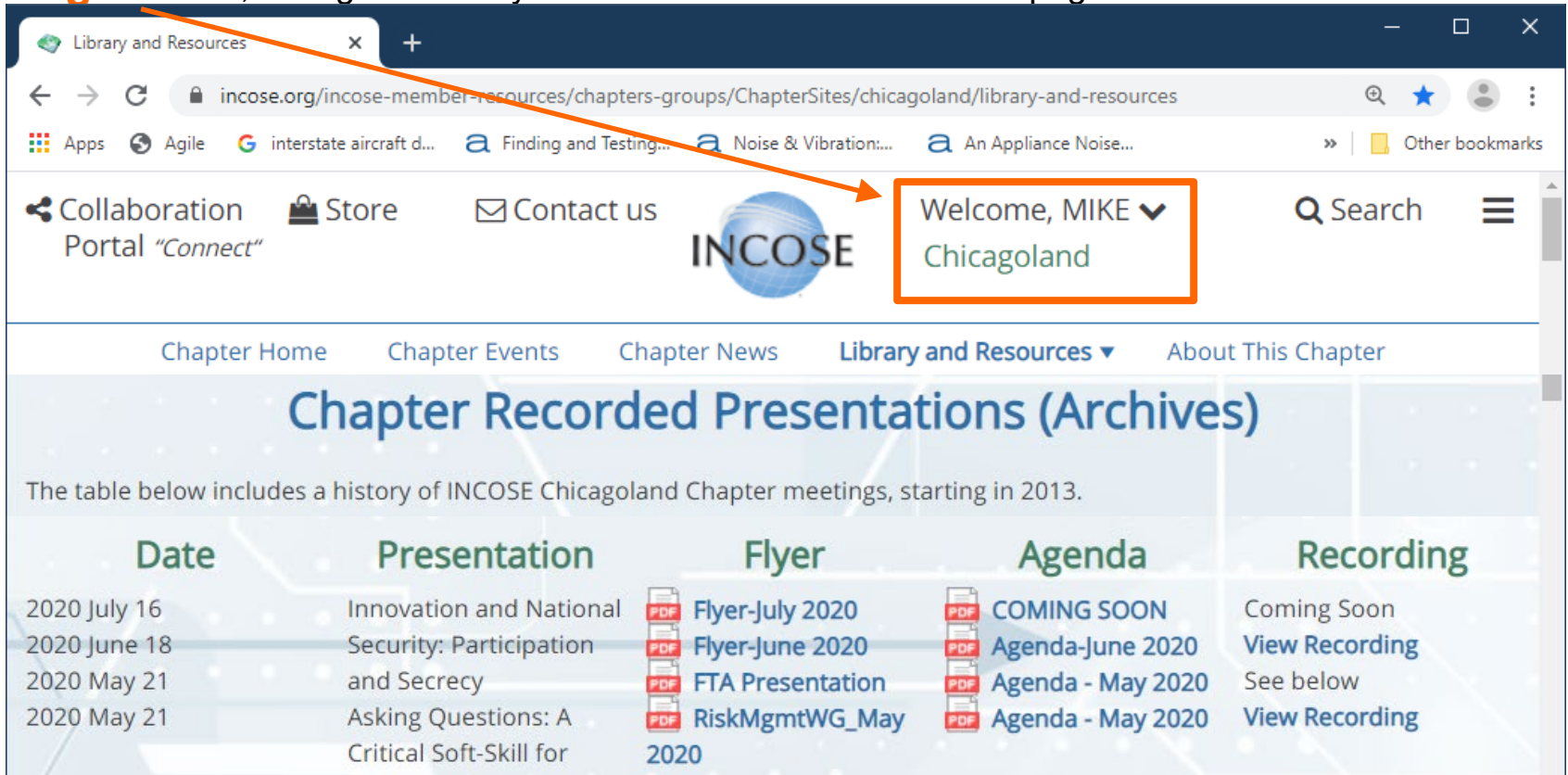


## Benefits of INCOSE Membership









### 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 the INCOSE Chicago Chapter website. The 'Library and Resources' tab is selected in the top navigation bar. A dropdown menu for 'Welcome, MIKE' is open, showing 'Chicagoland'. Below the navigation bar, the 'Chapter Recorded Presentations (Archives)' section is visible, containing 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

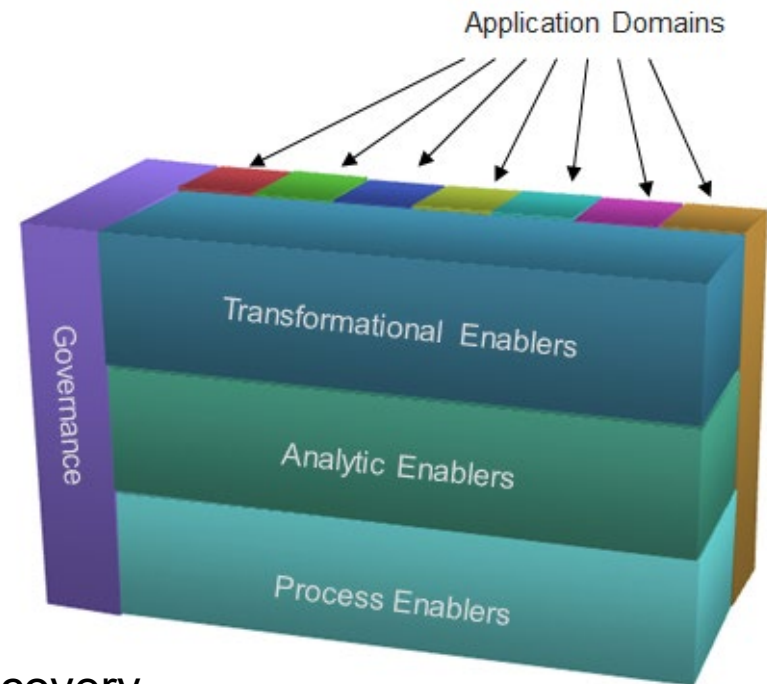
## Professional Development (cont.)

### 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.)

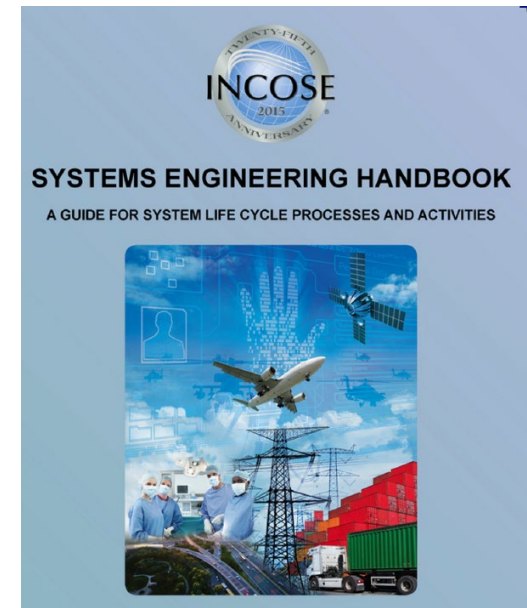
9. Access to the INCOSE Store for discounted and **free** publications:



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

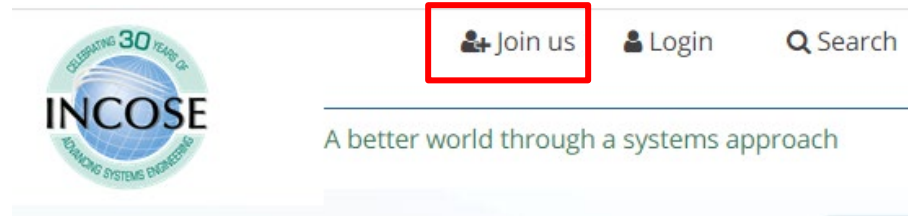
1. Go to [www.incose.org](http://www.incose.org)
2. Click on “Join us”
3. Provide information, including your company / institution. This helps the chapter identify programs that will be of interest to the greatest number of chapter members.
4. Select chapter affiliation – “Chicagoland”
5. Pay \$160 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!

Recently, we sent a \$50 gift card to Amar Kamath Kasargod

Email Richard Matt, Membership Chair, at [richard.matt@incose.org](mailto:richard.matt@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, February 4, 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)



# INCOSE Systems Engineering Professional Certification Program

January 26, 2021

Register via Eventbrite, or see <http://www.incose.org/cleveland>

6:00 PM EST

Virtual – Online Meeting

(Connection information will be available to registrants on Eventbrite)

**Speaker:** Courtney Wright, INCOSE Certification Program Manager

**Guest Speaker:** Joel Knapp, C-NO Chapter Member and Certified Systems Engineering Professional (CSEP)

**Topic:** INCOSE SE Professional Certification Program: what it is, benefits to the holder of a certification, benefits to organizations that employ SE professionals, and paths to obtaining certification.



## Upcoming Chapter Meetings

**February 18 2020 International Workshop Report on  
Model Based Systems Engineering  
Mark Sampson**

*as always, third Thursday of the month!*





**14th Annual INCOSE Great Lakes Regional Conference (GLRC14)**

Restructured and Rescheduled Due to COVID-19:

A Hybrid (Virtual + In-Person) Event

*"Mobility Systems - Land, Sea, Air and Space"*

**April 11-14, 2021**

**<https://www.incose.org/glrc>**





# 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 & 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



# ANNUAL GENERAL MEETING



## Annual General Meeting – January 2021

Once a year we provide an update to our Chapter membership on the following topics:

- ☐ 2021 Board Of Directors
- ☐ State of the Chapter
- ☐ Circle Award Submission
- ☐ Chapter Membership
- ☐ SEPs
- ☐ Filing of Reports
- ☐ Financial Status



## INCOSE Chicagoland Chapter Board of Directors for 2021

Role	Name of Leader
President	Mike Gut
Vice President & Industry Outreach Representative	John Bayless
Treasurer & Professional Society Representative	Steve Perich
Secretary & Video Recording Editor	Gary Houchin-Miller
Director-at-Large & GLRC Liaison	Bob Parro
Program Chair	Gary Oswald
Membership Chair	Richard Matt
Communications Chair	Chris Freund
Academic Representative & Web Master	Sachin Moghe



# Annual General Meeting – January 2021

## State of the Chicagoland Chapter

### *2020 Accomplishments:*

- Held 12 Chapter Meetings
- Held 12 Board of Directors (BoD) Meetings
- Published 1 Newsletter
- Filed a Circle Awards submission at the GOLD Level
- Submitted all required reports to INCOSE Central (1 Chapter Status Report, 1 Financial Report)

Takeaway: The Chapter is vibrant and healthy!





# **Annual General Meeting – January 2021**

## **Circle Award Submission**

We filed for a GOLD Circle Award for 2020





# Annual General Meeting – January 2021

## Chapter Membership Update

- **26** New members in 2020
- **100** Renewing members in 2020
- **140** INCOSE Members affiliated with the Chicagoland Chapter at the beginning of 2020.
- **126** INCOSE Members affiliated with the Chicagoland Chapter at the end of 2020.



# Annual General Meeting – January 2021

## System Engineering Professionals (SEPs) within the Chapter

(SEPs affiliated with the Chicagoland Chapter)

15	ASEPs
29	CSEPs
<u>2</u>	<u>ESEPs</u>
46	Total



# **Annual General Meeting – January 2021**

## **Filing of Required Reports**

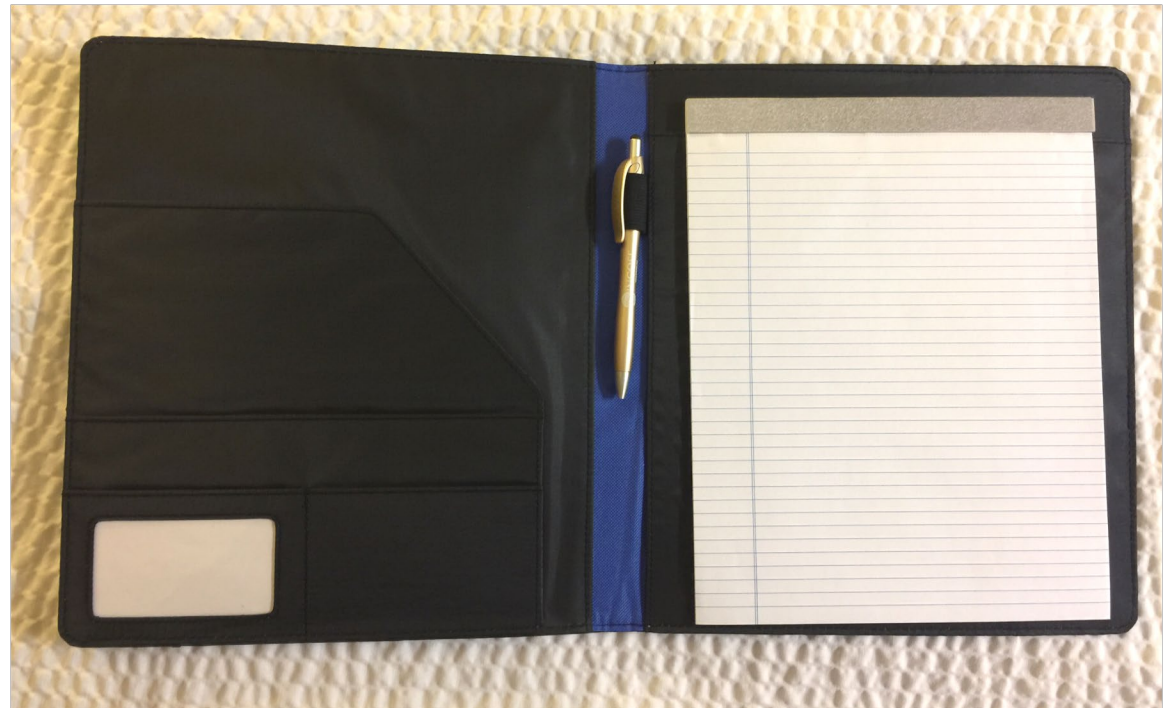
The 2020 Chapter President and Treasurer filed the following reports with INCOSE Central (on-time):

- 2020 End of Year Financial Report
- 2020 End of Year Status Report



## Annual General Meeting – January 2021

Each paid member in 2020 received a 10<sup>th</sup> Anniversary Padfolio as a gift from the Chapter.





# **Annual General Meeting – January 2021**

## **Financial Status of Chapter – 2020 Income**

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# **Annual General Meeting – January 2021**

## **Financial Status of Chapter – 2020 Expenses**

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# **Annual General Meeting – January 2021**

## **Financial Status of Chapter – 2020 Totals**

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## Annual General Meeting – January 2021

Leadership Opportunities in the Chapter for 2021:

- Volunteer Coordinator
- Ambassador for your company or organization
- If interested in volunteering, please contact:  
Mike Gut, Chapter President, via email at:  
[mike.gut@incose.org](mailto:mike.gut@incose.org)



## Annual General Meeting – January 2021

Questions?





# FEATURE PRESENTATION

[Start recording]



## Tonight's Presentation

### Speaker: **Randy Illiff, Eclectic Intellect LLC**

A seasoned Program Manager and expert Systems Engineer, Randy built a 40-year legacy of disruptive innovation in aerospace, medical, commercial and consumer markets.

As Vice President at bb7 he helped manage over 250 development projects per year. He was the SE Manager for IceCube, a cubic-kilometer scale observatory in Antarctica. To date, over fifty thousand people worldwide have attended his classes, keynotes, and featured speaker presentations.

Randy is a charter member of INCOSE and current representative for INCOSE on the INCOSE-PMI Alliance, and is a passionate supporter of bringing the logic of SE to the entire world.

### Topic: **Herding NERDS – Understanding and Aligning the Five Essential Dimensions of Development Excellence**

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





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

**Topic: INCOSE Model Based Systems Engineering  
Transformation Update**

**Presenter: Mark Sampson**