



INCOSE Chicagoland Chapter Monthly Chapter Meeting Agenda

January 16, 2020

- 1) Please sign the Attendance Sheet (if applicable), and verify that your contact information is up to date
- 2) Please MUTE your phone



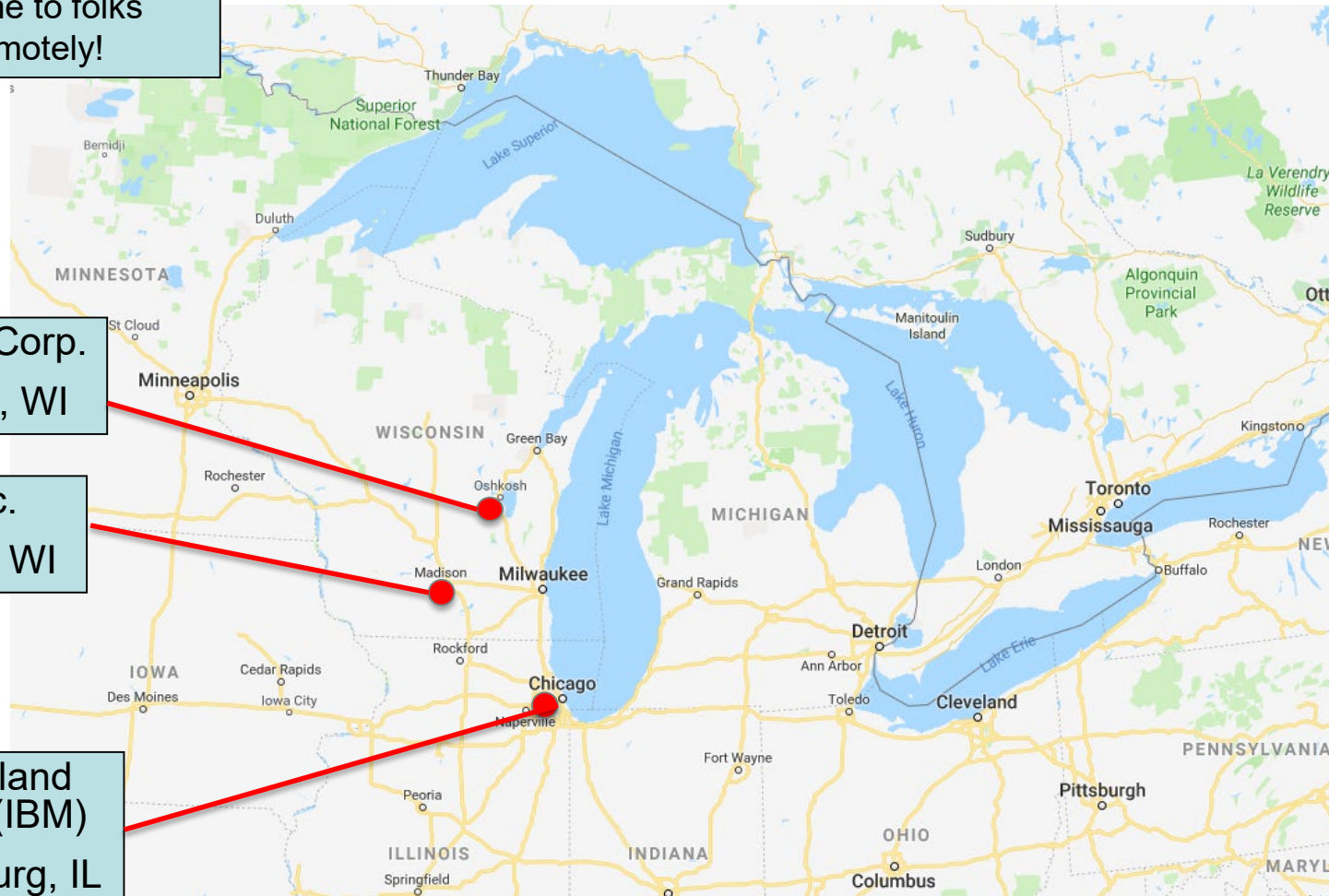
Agenda

- **6:00 – 6:30 PM CT** – Networking and Dinner
- **6:30 – 6:45 PM CT** – Welcome, Announcements, Intros
- **6:45 – 7:00 PM CT** – Chapter Annual General Meeting (AGM)
- **7:00 – 8:30 PM CT** – Meeting Presentation
- **8:30 – ???** – Networking



Welcome All Sites

Also welcome to folks attending remotely!



Oshkosh Corp.
Oshkosh, WI

bb7 Inc.
Madison, WI

Chicagoland
Chapter (IBM)
Schaumburg, IL



Welcome All Sites

- Do several people from your office attend?
If so, consider establishing a remote site to build interest and networking opportunities:
 - Start out as a “closed” site for employees only
 - Could open up to general membership later
 - Opportunity for ambassadorship
- Interested in becoming an Ambassador?
 - Be the liaison between INCOSE and your organization
 - Contact Mike Gut, Chapter President, via email:
mike.gut@incose.org



CHICAGOLAND



MEMBERSHIP



New Members

Welcome New Members within the last month:

Name	Company / Institution
Nicholas Weis	
Philip Anthony	Design Integrity, Inc.
Alex Huss	Oshkosh Corporation



Renewing Members

Welcome Renewing Members within the last month:

Name

Company / Institution

Ervin Willis

US Department of Defense

Jeff Kitcheos

Analog Devices, Inc.

Paul Sorensen

Christopher Freund

Northrop Grumman Corporation

Eric Kersten


bb7



Benefits of INCOSE Membership

Professional Development

1. **Monthly speakers at Chapter Meetings** on topics relevant to System Engineering (later in this meeting)
2. **Recordings of speakers at Chapter Meetings** from previous months (Click on the 'Library and Resources' tab of our home page.)


 Collaboration
Portal "Connect"


 Store

 Contact us



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Chicagoland

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[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. Whenever possible, presentation slides and recorded meetings are made available to INCOSE members through the [INCOSE Chicagoland Collaboration Site](#) on INCOSE Connect.

3. **Monthly Webinars** on topics relevant to System Engineering (hosted by INCOSE Central)



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

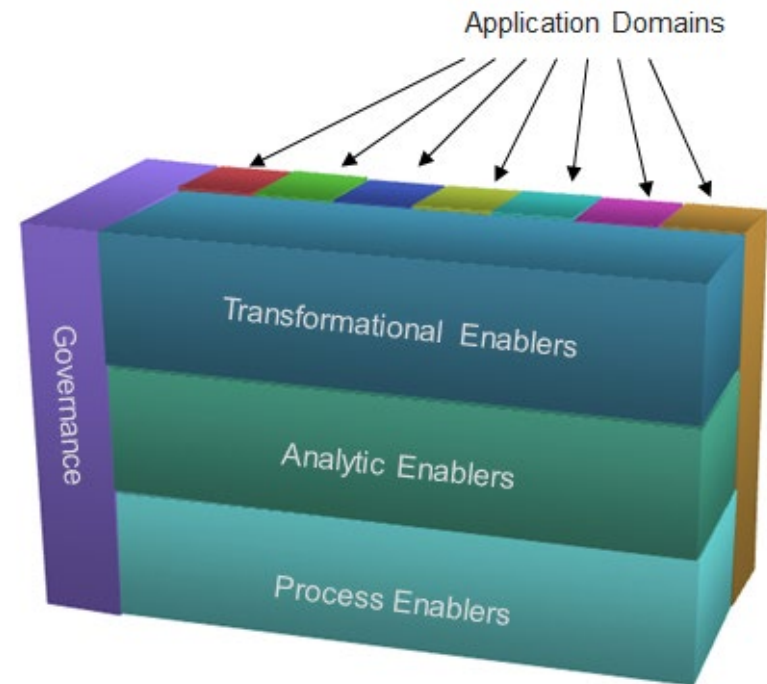
Professional Development (cont.)

5. Access to the output of over 45 INCOSE Working Groups

<https://www.incose.org/iw2019/program/working-group-information-sheet>

Just a few examples:

- Architecture
- Automotive
- Defense
- Healthcare
- Risk Management
- Very Small Entities
- Product Line Engineering
- SE in Early Stage R&D





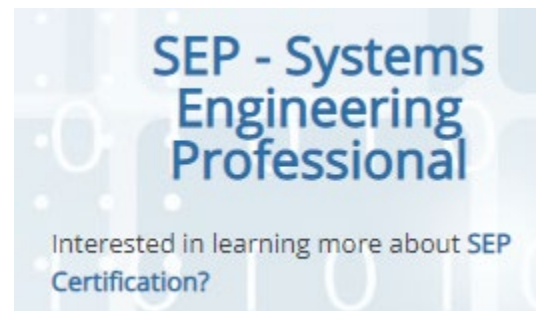
Benefits of INCOSE Membership (Cont.)

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.)

8. Access a list of over 30 events across INCOSE:

 Collaboration
Portal "Connect"


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 Contact us



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[Library and Resources](#) ▼

[About This Chapter](#)

Join us for our monthly chapter meeting on at 6:30 PM on the third Thursday of the month. Meeting location, web conference details, and registration links can be found below.

INCOSE Chicagoland Chapter Events

- **May 2019 Chapter Meeting – From The Beginning – Thoughts on the Past, Present and Future of Systems Engineering**

Dates: 16 – 16 May, 2019

Events Across INCOSE

- **INCOSE-LA Chapter Speaker Meeting - Using a System-of-Systems Approach to Create and Test Interorbital's NEPTUNE Small-Sat Launcher with Randa Milliron**



Benefits of INCOSE Membership (Cont.)

Professional Development (cont.)

9. 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



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

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

11. Free Resume Review Service

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



Benefits of INCOSE Membership (Cont.)

Networking Opportunities

- 17,000+ INCOSE members worldwide
- Networking for yourself and for employees!
 1. Before and after Chapter events
 2. Supporting your Chapter
 3. Supporting a Working Group
 4. Workshops/Symposiums
 5. Share SE Job postings at meetings & in members-only e-mail

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.)

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 the INCOSE Website – www.incose.org
2. Click on “Join us”
3. Provide information
4. **Select chapter affiliation – “Chicagoland”**
5. Pay \$160 for 1-year membership (or select a longer term at a lower rate)

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 Kubychuck	CSEP	crk022@gmail.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 2018 !
- Chapter history: Gold 2018, Platinum 2017, Gold 2012 to 2016, Most Improved Chapter 2012, Silver 2011, Bronze 2009



2018



2017



2016 to 2012



2011



2009



Circle Awards Program (Cont.)

Keep us informed of your System Engineering activities!

- GLRC (Great Lakes Regional Conference) participation
- INCOSE Working Group participation
- Published papers
- Presentations given at schools, Professional Societies, etc.
- INCOSE IS / IW participation, including paper reviews
- SEP certification: Goal of 5 new xSEPs

E-mail Mike Gut, mike.gut@incose.org with evidence



CHAPTER BOARD OF DIRECTORS



2020 Chapter Board Of Directors

Position/Title	Name
President	Mike Gut
Vice-President	OPEN
Secretary	Gary Houchin-Miller
Treasurer	Steve Perich
Director At Large #1	Russ Kubycheck
Director At Large #2	Bob Parro

Position/Title	Name
Communications Chair	Chris Freund
Membership Chair	Richard Matt
Programs Chair	Gary Oswald
Academic Rep.	Sachin Moghe
GLRC Rep.	Bob Parro
Industry Rep.	OPEN
Professional Society Rep.	Steve Perich
Web Master	Sachin Moghe Russ Kubycheck
Video Recording Editor	Gary Houchin-Miller



VOLUNTEER OPPORTUNITIES



Chicagoland BoD Volunteer Openings

We are looking for volunteers to fill 4 key openings on the Chicagoland Chapter BoD:

- 1) Vice President
- 2) Industry Outreach Representative

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, **Feb. 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



SITE INTRODUCTIONS



Introductions

Please introduce yourself (within each location):

- Name
- Title & what do you do (30 seconds)
- Company
- Are you an INCOSE member, and if so, for how long?
- Announce job opportunities at your company, if any, or announce if you are looking for an opportunity
 - › Sign the attendance list
 - › Verify your contact information is current



Annual General Meeting (AGM) – January 2020

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

- 2020 Board Of Directors
- State of the Chapter
- Circle Award Submission
- Chapter Membership
- SEPs
- Filing of Reports
- Financial Status



Annual General Meeting – January 2020

2020 Board Of Directors

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Web Master	Sachin Moghe Russ Kubycheck
Video Recording Editor	Gary Houchin-Miller



Annual General Meeting – January 2020

State of the Chicagoland Chapter

2019 Accomplishments:

- Held 11 Chapter Meetings
- Held 2 seminars/tutorials
- Held a Holiday Social event (attended by 28 people)
- Held 13 Board of Directors (BoD) Meetings
- Published 3 Newsletters
- Filed a Circle Awards submission at the PLATINUM Level
- Honored one of our former Chapter Officers with a Leadership Award
- Sponsored GLRC
- Submitted required reports to INCOSE Central (2 Chapter Status Reports, 1 Financial Report)
- Contributed to the INCOSE Foundation

Takeaway: The Chapter is vibrant and healthy!



Annual General Meeting – January 2020

Circle Award Submission

We filed for a PLATINUM Circle Award for 2019





Annual General Meeting – January 2020

Chapter Membership Update

- **27** New members in 2019
- **112** Renewing members in 2019
- **147** INCOSE Members affiliated with the Chicagoland Chapter at the end of 2018.
- **140** INCOSE Members affiliated with the Chicagoland Chapter at the end of 2019 (~**9% decrease**).



Annual General Meeting – January 2020

System Engineering Professionals (SEPs) within the Chapter (SEPs affiliated with the INCOSE CC)

10	ASEPs	+3
21	CSEPs	+2
<u>2</u>	<u>ESEPs</u>	
33	Total	+5

Increased the number of SEPs in 2019 by 5!



Annual General Meeting – January 2020

Filing of Required Reports

The 2019 Chapter President and Treasurer filed the following reports with INCOSE Central:

- 2019 First-Half Status Report
- 2019 Second-Half Status Report
- 2019 End of Year Financial Report



Annual General Meeting – January 2020

Financial Status of Chapter – 2019 Income

This private information has been removed from this slide deck.



Annual General Meeting – January 2020

Financial Status of Chapter – 2019 Expenses

This private information has been removed from this slide deck.



Annual General Meeting – January 2020

Financial Status of Chapter – 2019 Totals

This private information has been removed from this slide deck.



Annual General Meeting – January 2020

Chapter Challenges in 2020:

- We need more volunteers. We have 2 openings on the BoD:
 - Vice President
 - Industry Representative
- If interested in volunteering, please contact: Mike Gut, Chapter President, via email at: mike.gut@incose.org



Annual General Meeting – January 2020

Questions?












FEATURE PRESENTATION



Systems Engineering Career Lifecycle

A panel of systems engineers at various stages of their career—from student to experienced— will answer YOUR questions about their career journeys.

MODERATOR	OUR PANEL of SYSTEMS ENGINEERS					
Gary Oswald	Adrian Bytyqi	Dan Tanner	Mike Gut	Chris Freund	Rummana Sadiq	Steve Perich
						
Systems Engineer, Shure Inc.	Undergraduate Systems Engineer, UIUC class of 2022	Systems Engineer, ICU Medical	Principal Engineer, ICU Medical	Systems Engineer, Northrop Grumman Corp., ASEP	Systems Engineer, GN ReSound	Sr. Systems Engineer, AbbVie Inc., CSEP



Thank You for attending!

See you at next month's Chapter Meeting!



For those attending in
Schaumburg, IL the
post-meeting
networking
gathering will be at:

**Granite City Food &
Brewery**

**801 Plaza Dr,
Schaumburg, IL 60173**

