



INCOSE Chicagoland Chapter Monthly Chapter Meeting Agenda

February 20, 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 – 8:00 PM CT** – Meeting Presentation
- **8:00 – ???** – Networking



CHICAGOLAND



Welcome All Sites

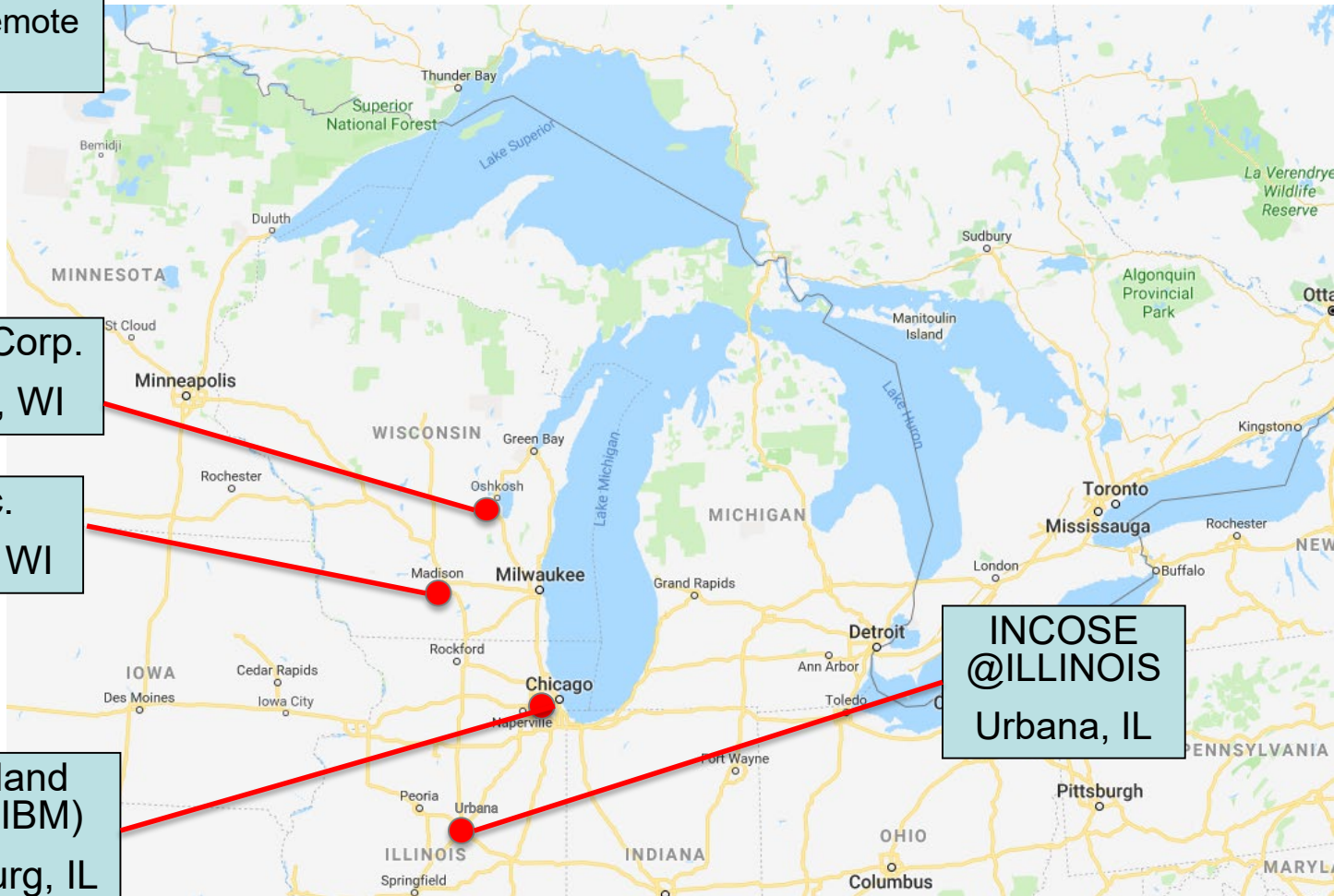
Welcome remote attendees!

Oshkosh Corp.
Oshkosh, WI

bb7 Inc.
Madison, WI

Chicagoland
Chapter (IBM)
Schaumburg, IL

INCOSE
@ILLINOIS
Urbana, IL





Welcome new Student Division!

UIUC Grainger College of Engineering

Department of Industrial and Enterprise Systems Engineering



INCOSE @ILLINOIS Board of Directors

<u>Position</u>	<u>Name</u>
President	Adrian Bytyqi
Vice-President	Mohammed Alabed
Treasurer	Thomas Herrera
Secretary	Aayush Aggarwal
Faculty Advisor	William Norris

- Approved as a student organization on campus on January 20
- First General Meeting, February 20, **tonight!**
- First event, outreach with SWE (Society of Women Engineers) scheduled for March



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



MEMBERSHIP



New Members

Welcome New Members within the last month:

<u>Name</u>	<u>Company / Institution</u>
Nicholas Weiss	
George Liburd	Motorola Solutions, Inc
Joshua Gefen	bb7
William Norris	University of Illinois Urbana-Champaign



Renewing Members

Welcome Renewing Members within the last month:

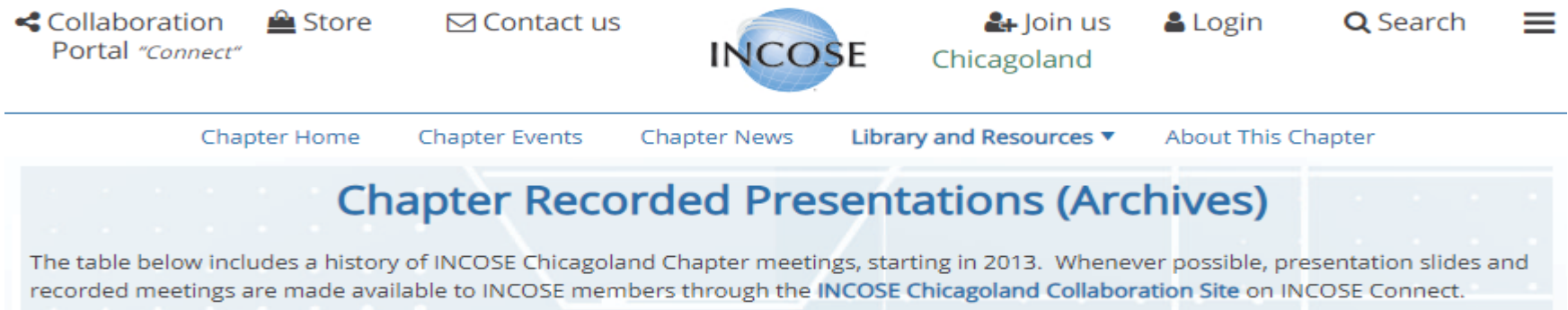
Name	Company / Institution
Kevin Mooney	Panduit Corporation
Russell Kubychuck	Progressrail Locomotive
Christopher Unger	General Electric
Robert Axtolis	Chamberlain
Rummana Sadiq	GN Resound
Ismael Torres Carino	
Larry Lambe	MSSRC
Daniel Sobczynski	Baxter Healthcare Corporation
Thomas Phillip	AriensCo



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.)



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

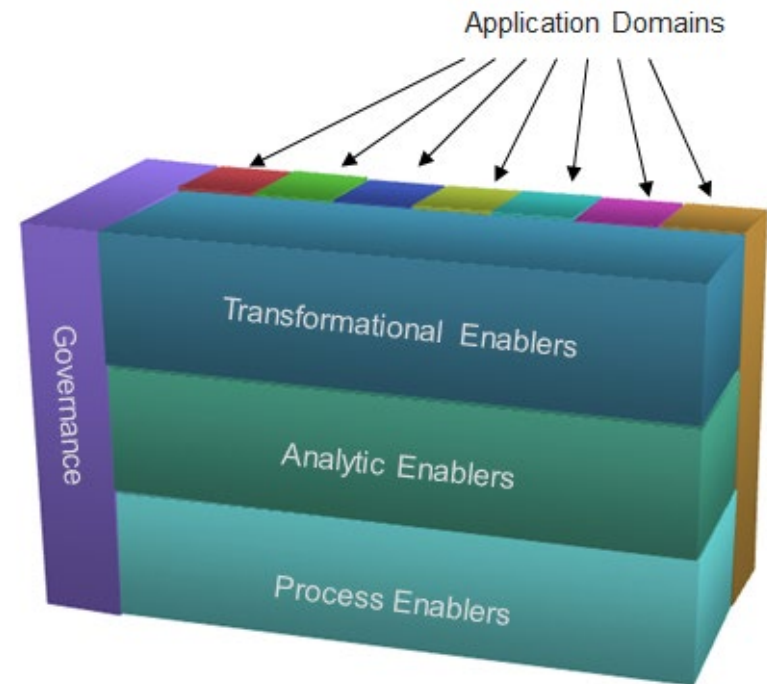
Professional Development (cont.)

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

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

Just a few examples:

- Architecture
- Complex Systems
- Defense
- Healthcare
- Risk Management
- Soft Skills
- Product Line Engineering
- Decision Analysis





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"


 Store


 Contact us



Chicagoland

 Join us

 Login

 Search



[Chapter Home](#)

[Chapter Events](#)

[Chapter News](#)

[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)

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 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



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 Kubychuck
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 Kubychuck
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, **Mar. 5**, 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



6th Annual Systems Engineering in Healthcare Conference



April 28-30, Minneapolis, MN

2020 conference theme: Advancing the Practice of Systems Engineering in the Healthcare Industry

Early registration ends March 30th. For more info, go to
<https://www.incose.org/hwg-conference>



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



FEATURE PRESENTATION



Tonight's Presentation

INCOSE Requirements Working Group Update

Lou Wheatcraft
Senior Consultant and Managing Member
Wheatland Consulting, LLC

Lou is an internationally recognized expert in systems engineering with a focus on needs, requirements definition and management and verification and validation, and Co-Chair of the Requirements Working Group.

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



Thank You for attending!

See you at next month's Chapter Meeting!

Topic: Update from Healthcare Working Group



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

**Granite City Food &
Brewery**

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

