



INCOSE Chicagoland Chapter Monthly Chapter Meeting Agenda

November 21, 2019

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



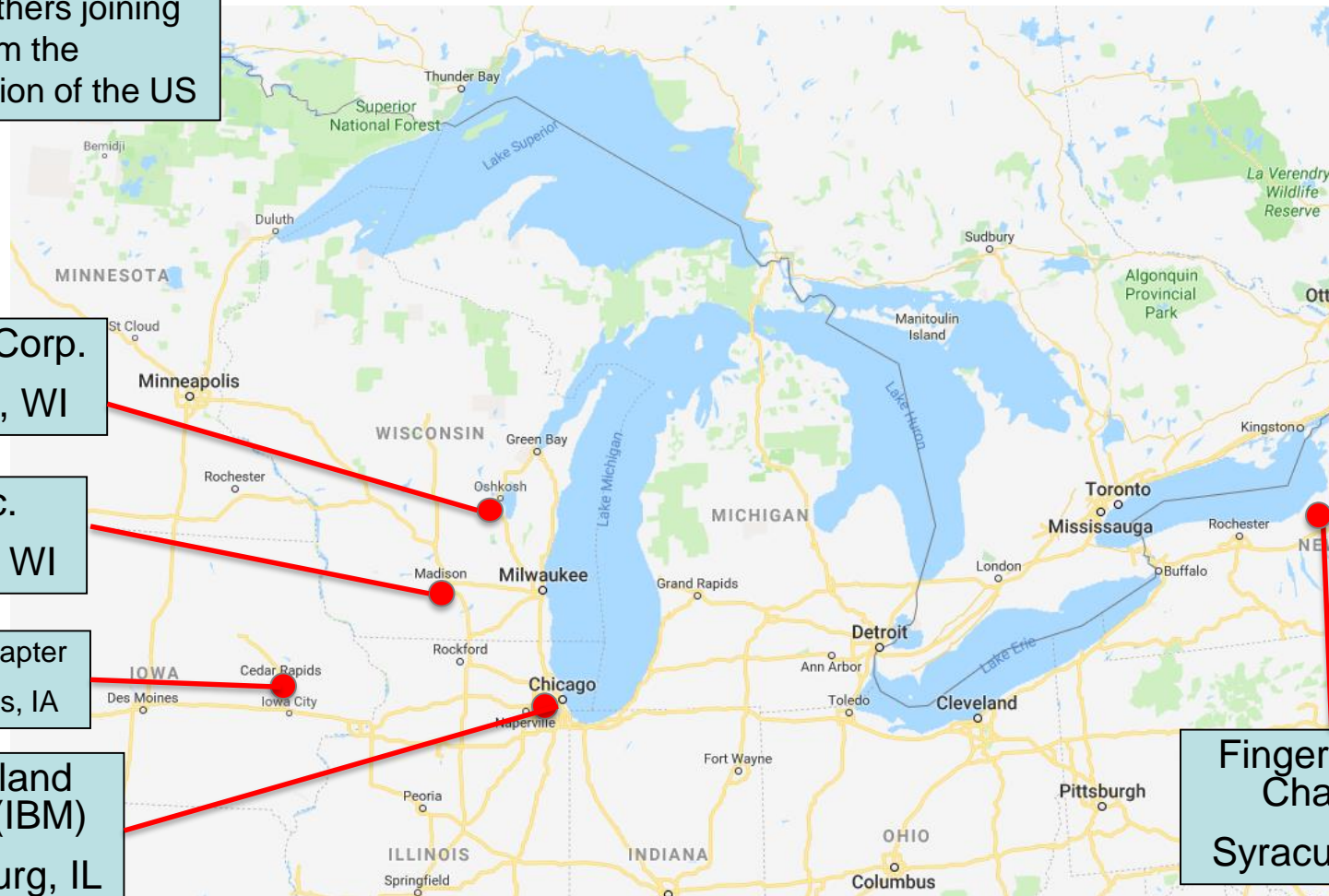
Agenda

- **6:00 – 6:30 PM CT** – Networking and Dinner
- **6:30 – 6:45 PM CT** – Welcome, Announcements, Intros
- **6:45 – 7:30 PM CT** – Mini-Presentation by INCOSE
Small Business Systems
Engineering (SBSE) Working
Group
- **7:30 – 8:15 PM CT** – Feature Presentation and Q&A
- **8:15 – ???** – Networking



Welcome All Sites

And many others joining remotely from the northern region of the US





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 Steve Perich, Chapter President, via email:
chitownse2@yahoo.com



CHICAGOLAND



MEMBERSHIP



New Members

Welcome New Members within the last month:

Name	Company / Institution
Bokhtier, Golam	Woodward, Inc.
Tanner, Dan	ICU Medical, Inc.



Renewing Members

Welcome Renewing Members within the last month:

Name (Last, First)	Company / Institution
Beneke, Matt	Phoenix LLC
Bhagat, Nish	Northrop Grumman Corp.
Buchholz, Dale	Scientific Games/DePaul Univ.
Day, Robert	John Deere
Dulzo, Jeffery	Methode Electronics
Fox, Jason	Johns Hopkins University
Gustafson, Patrick	Scientific Games
Jacoby, James	Accuray Inc.
Koontz, Jeremy	Northrop Grumman Corp.
Lunn, Malcolm	Ford Motor Company
Maggiano, Larry	Mitutoyo America Corp.
O'Riordan-Adjah, Simonetta	Northrop Grumman Corp.



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.)



[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. 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.



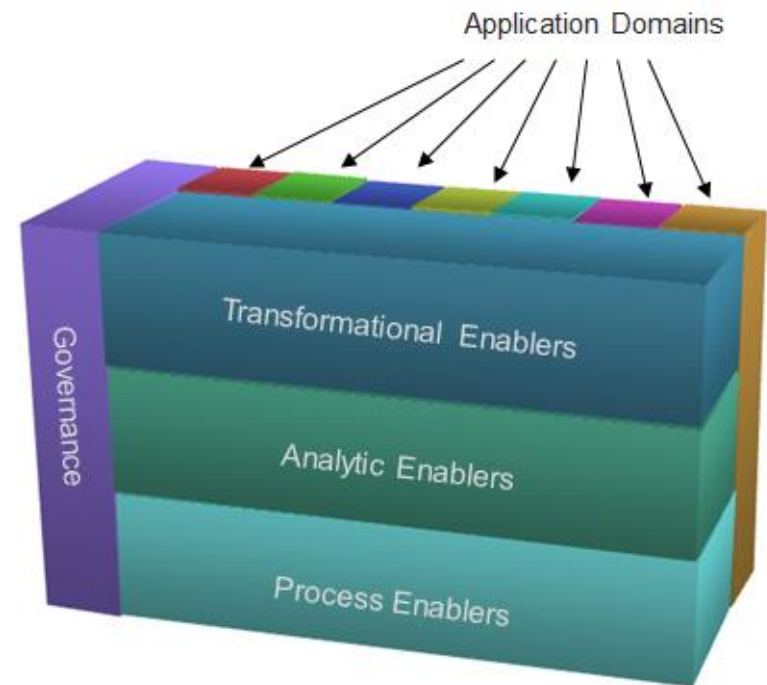
Benefits of INCOSE Membership

Professional Development (cont.)

5. Access to the output of over **40+ INCOSE Working Groups** (Google “INCOSE Working Group”):

Examples:

- Requirements (Rqmts Writing Guide)
- Agile SE
- Architecture
- Healthcare
- MBSE Initiative
- Small Business SE (SBSE)
- Product Lines
- Training





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 \$145 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 moose16@mindspring.com



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 Engr. 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, gut_mike@hotmail.com, with evidence



CHAPTER BOARD OF DIRECTORS



2019 Chapter Board Of Directors

Office	Name of Leader
President	Steve Perich
Past President	Gary Houchin-Miller
Vice President	Mike Gut
Secretary	Gary Houchin-Miller
Treasurer	Russ Kubycheck
Director-at-Large	Bob Parro
Programs (Events/Tutorials) Chair	Gary Oswald

Office	Name of Leader
Membership Chair	Richard Matt
Communications Chair	Chris Freund
Academia Representative	Open position
Industry Outreach Representative	Open position
Professional Society Representative	Open position
GLRC Representative	Bob Parro
2019 GLRC Co-Chair (Ohio) / 2020 GLRC Chair (Chicago)	Open position



2020 Elections for Chapter Officers

In Oct./Nov. 2019, we held our Annual Election for the 2020 Chicagoland Chapter Board of Directors and the following people were elected:

- 1) President Mike Gut
- 2) Vice President *OPEN*
- 3) Secretary Gary Houchin-Miller
- 4) Treasurer Steve Perich
- 5) Director At Large #1 – Russell Kubycheck
- 6) Director At Large #2 – Bob Parro

The VP position and several appointed positions are still *OPEN*. If you are interested in serving on the 2020 Chapter Board of Directors, contact: Steve Perich, chitownse2@yahoo.com



2020 Chapter Board Of Directors

Office	Name of Leader
President	Mike Gut
Vice President	Open position
Secretary	Gary Houchin-Miller
Treasurer	Steve Perich
Director-at-Large	Russ <u>Kubycheck</u>
Director-at-Large	Bob <u>Parro</u>
Programs (Events/Tutorials) Chair	Gary Oswald
Membership Chair	Richard Matt

Office	Name of Leader
Communications Chair	Chris Freund
Academia Representative	Open position
GLRC Representative	Bob <u>Parro</u>
Industry Outreach Representative	Open position
Professional Society Representative	Steve Perich
Web Master - Primary	Open position
Web Master - Secondary	Russ <u>Kubycheck</u>
Video Recording Editor	Gary Houchin-Miller



VOLUNTEER OPPORTUNITIES



Chicagoland BoD Volunteer Openings

We are looking for volunteers to fill 3 key openings on the Chicagoland Chapter BoD:

- 1) Industry Outreach Representative
- 2) Professional Society Representative
- 3) Academic Representative

If interested in volunteering, please contact:
Steve Perich, Chapter President, via email at:
chitownse2@yahoo.com



UPCOMING INCOSE EVENTS



Upcoming Board Meetings

Board Meetings on the first Thursday of each month

- Meetings are open to all members
- Next meeting: Thursday, **Dec. 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: Steve Perich, Chapter President, via email:
chitownse2@yahoo.com



Upcoming Chapter Meetings

Chapter Meetings on 3rd Thursday of the month @ 6:30pm

Next Meeting: December 19, 2019

Annual Holiday Social and Networking Event



Location: Gino's East Pizzeria,
South Barrington, IL



Meeting ideas are always welcome. Please send suggestions for topics, speakers, meeting formats to Gary Oswald (oswaldgary33@gmail.com)



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



WORKING GROUP MINI-PRESENTATION

Small Business
Systems Engineering (SBSE)
Working Group



Working Group Mini-Presentation

Speaker:

Angela D. Robinson, MBA, ASEP, PMP

Electrical and Software Systems Engineer

Co-Chair of the INCOSE Small Business Systems Engineering WG

Topic:

Overview of the Small Business Systems Engineering (SBSE) Working Group

[Notes - Start recording, Introduce Speaker]



Working Group Mini-Presentation

Speaker Biography:

Angela Robinson is an experienced Electrical and Software Systems Engineer with expertise in quality, reliability, requirement analysis, and design activities associated with Product Lifecycle Management (PLM) for electrical and software systems.

Angela is an expert in verification and validation for quality assurance of safety critical products in medical devices.

Angela has a proven ability to manage global project teams using a unique blend of systems engineering, program management, and business management skills acquired in manufacturing industries.



FEATURE PRESENTATION



Feature Presentation

Speaker:

Troy Peterson

Vice President & Technical Fellow

System Strategy, Inc. (SSI)

Topic:

Systems Engineering: Cracking the Code of Digital Transformation



Feature Presentation

Speaker Biography:

[Troy Peterson](#) is SSI Vice President, and an INCOSE Transformation and FUTURE lead.

He is a recognized leader in developing model-based solutions to speed innovation and solve complex systems challenges. He has led the delivery of numerous complex systems and methodologies while at SSI, Booz Allen and Ford Motor Company. His experience spans academic, non-profit, commercial and government environments across all lifecycle phases.

Troy received a BS in Mechanical Engineering from Michigan State University, an MS in Technology Management from Rensselaer Polytechnic Institute, and an advanced graduate certificate in Systems Design and Management from the Massachusetts Institute of Technology.

Troy also holds INCOSE CSEP, PMI PMP, and ASQ Six Sigma Black Belt Certifications.



Questions and Answers





Thanks 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**

