



CHICAGOLAND



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

**August 15, 2019**

**Please sign the Attendance Sheet and  
verify that your contact information is current**



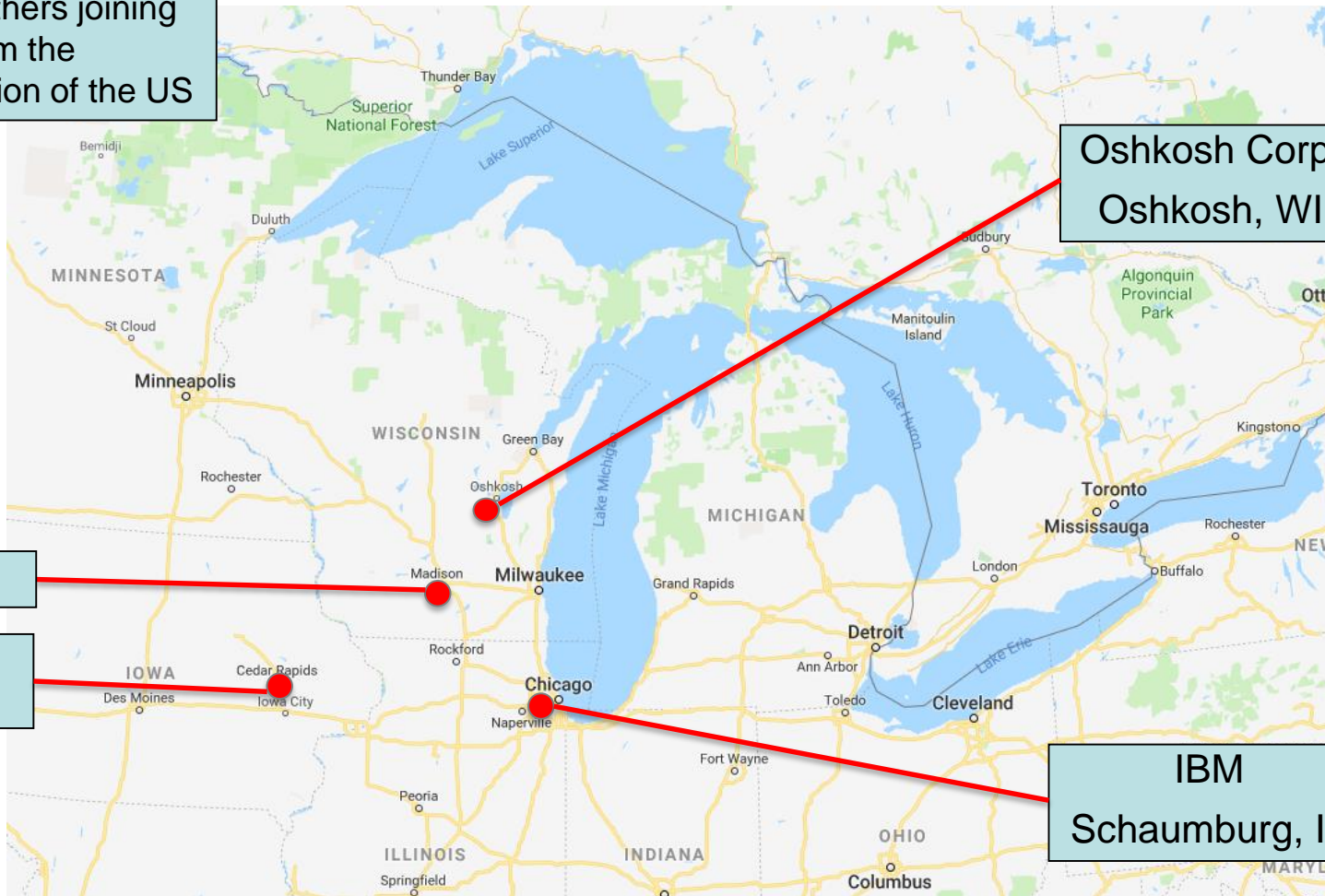
## Agenda

- **6:00 – 6:30 PM CT** – Networking and Dinner
- **6:30 – 6:45 PM CT** – Welcome, Announcements, Intros
- **6:45 – 8:15 PM CT** – Feature Presentation
- **8:15 – ???** – Networking



# Welcome All Sites

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



Oshkosh Corp.  
Oshkosh, WI

bb7

Heartland  
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 Steve Perich, Chapter President, via email:  
[chitownse2@yahoo.com](mailto:chitownse2@yahoo.com)



CHICAGOLAND



# MEMBERSHIP



## New Members

Welcome New Members within the last month:

### Name

### Company / Institution

Feldstein, Jeremy  
Regenauer, John  
Stander, Francois

Northrop Grumman Corp.  
John Deere  
John Deere





## Renewing Members

Welcome Renewing Members within the last month:

### **Name (Last, First)**

### **Company / Institution**

Basati, Sukhi

Baxter Healthcare Corp.

Dougherty, Jesse

Northrop Grumman Corp.

Matt, Richard

Qico

Mooney, Jon

Acoustics by JW Mooney

VanHuyssteen, Pierre


Korry Electronics Co.



# 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



 Join us  
Chicagoland

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[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.



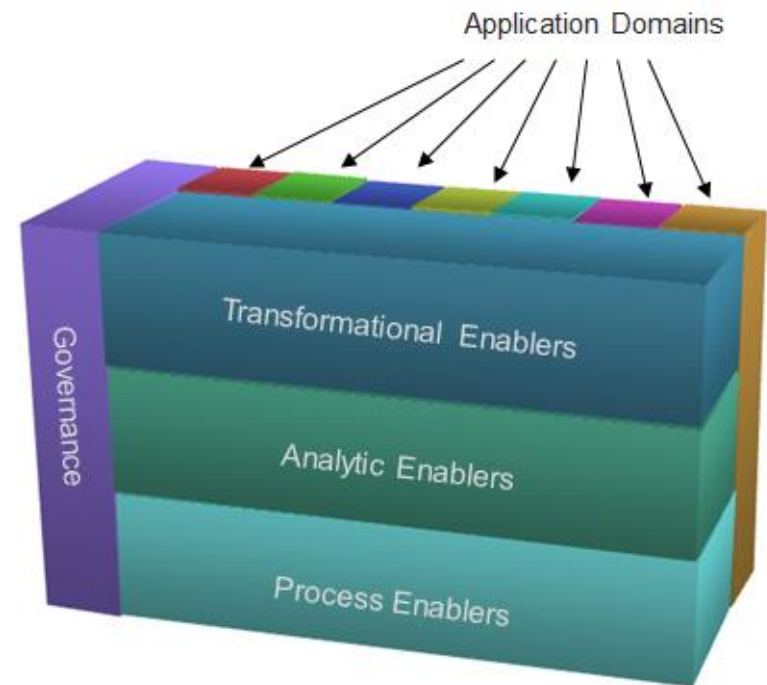
# Benefits of INCOSE Membership

## 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
- SE in Very Small Entities (VSE)
- 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"


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[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](mailto: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](mailto: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](http://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](mailto: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](mailto:gut_mike@hotmail.com), with evidence



# VOLUNTEER OPPORTUNITIES



## 2019 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



## Chicagoland BoD Volunteer Openings

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

- 1) 2019 GLRC Co-Chair / 2020 GLRC Chair
- 2) Industry Outreach Representative
- 3) Professional Society Representative
- 4) Academic Representative

If interested in volunteering, please contact:

Steve Perich, Chapter President, via email at:

[chitownse2@yahoo.com](mailto:chitownse2@yahoo.com)





## Volunteer for 2019 GLRC Co-Chair / 2020 GLRC Chair

### Pros:

- Lead a prominent professional engineering conference
- Enormous network expansion
- Exposure to many influential people and companies
- Great experience builder
- Great leadership skills development opportunity
- Nice opportunity to give back to the profession / community

### Cons:

- Time commitment

If interested, contact: Steve Perich, [chitownse2@yahoo.com](mailto: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, **Sept. 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](mailto:chitownse2@yahoo.com)



## Upcoming Chapter Meetings

**Chapter Meetings on 3<sup>rd</sup> Thursday of the month @ 6:30pm**

Next Meeting: [September 19, 2019](#)

*Presenter:* [Mark L. McKelvin, Ph. D](#)

*Engineering Specialist, The Aerospace Corp.*

*Lecturer at University of Southern California*

*President of INCOSE Los Angeles Chapter*

*Topic:* [Systems Architecting](#)

Meeting ideas are always welcome.

Please send suggestions for topics, speakers, meeting formats to Gary Oswald

([oswaldgary33@gmail.com](mailto:oswaldgary33@gmail.com))



## 2019 Fall Seminar/Tutorial

Date: Saturday, September 28, 2019

Time: 8:30 AM to 4:30 PM

Location: IBM Offices, 10 N. Martingale Road,  
Schaumburg, IL

Presenter: Mr. Kelly Weyrauch, Owner, Agile Quality Systems

Topic: Agile Development and Systems Engineering

**Agile Quality Systems**

Register at:

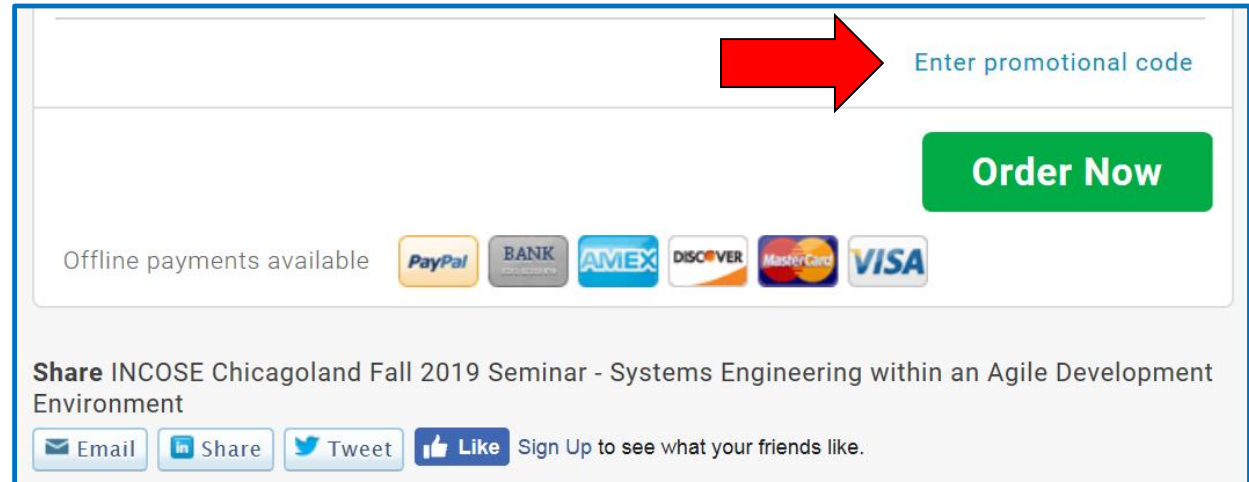
<https://incose2019fallseminar.eventbrite.com>



## 2019 Fall Seminar/Tutorial

\$25.00 Special Discount Offer expires Sunday August 18 at midnight

**ISO15288**



Enter promotional code

**Order Now**

Offline payments available

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**Share** INCOSE Chicagoland Fall 2019 Seminar - Systems Engineering within an Agile Development Environment

Email Share Tweet Like Sign Up to see what your friends like.

<https://incose2019fallseminar.eventbrite.com>

**Agile Quality Systems**





# 2019 Great Lakes Regional Conference (GLRC)

## Save the Date!

The 2019 GLRC will be held on:

**Date:** Oct. 21 to 25, 2019

**Location:** Cleveland, Ohio



We will be celebrating the [50th Anniversary](#) of the Apollo 11 moon landing.

For more information, go to:

[www.incose.org/GLRC13](http://www.incose.org/GLRC13)

More details coming this summer. Stay tuned...





# 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

### Speaker:

Mr. Steve Lindo

President, SIM Solutions Inc.,  
CEO & Co-Founder, Simergent

### Topic:

Boeing 737 MAX – Considerations for Legacy Products



[Notes - Start recording, Introduce Speaker]



## Tonight's Presentation

### Speaker Biography:

Mr. Steve Lindo

President, SIM Solutions Inc., CEO & Co-Founder, Simergent

Steve J. Lindo is President of SIM Solutions, a SE consulting company and CEO of Simergent, a medical device startup company. Steve holds a BS in Aerospace Engineering from the University of Oklahoma and a MS in Mechanical Engineering / Control Systems from Southern Methodist University. With 19 years of engineering experience, Mr. Lindo began his career at Raytheon / L-3 Aircraft Integration Systems designing mechanical systems for radical modifications to legacy military and civilian aircraft. His aircraft experience includes systems for cooling, anti-ice, hydraulics, pneumatics, fuel, APUs, and propulsion. Steve is a former Chapter Secretary and Programs Chair for the INCOSE Chicagoland Chapter, and is also a licensed private pilot.

[Notes - Start recording, Introduce Speaker]





## Questions and Answers





Thanks for attending!

See you at next month's Chapter Meeting!