INCOSE Chicagoland Chapter Monthly Chapter Meeting Agenda

March 19, 2020

Please MUTE your phone

Agenda

- **6:30 – 6:45 PM CT** – Welcome, Announcements, Intros

- **6:45 – 7:00 PM CT** – INCOSE Healthcare Working Group Mini-Presentation

- **7:00 – 8:15 PM CT** – Feature Presentation

Welcome remote attendees!

Thank you IBM Schaumburg!

- The IBM Schaumburg facility is closing at the end of March, so March is our last meeting at IBM.

- The Chicagoland Chapter wishes to express our sincere gratitude to IBM and our liaison, Sue Hallen, for their service to us for over ten years

MEMBERSHIP

New Members

Welcome New Members within the last month:

Name	Company / Institution
Tom Bates	
Jacqueline Parra	

Renewing Members

Welcome Renewing Members within the last month:

Name	Company / Institution
Ismael Torres Carino	
Rory Herriman	SUZOHAPP INC.
Larry Lambe	MSSRC
Jamel Marzouki	

Chicagoland Chapter Celebrates Tenth Anniversary

Chicagoland Chapter Celebrates Tenth Anniversary

June 18 Chapter meeting will feature a live presentation by Tony Williams, ESEP INCOSE Director, Americas Sector.

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   INCOSE Chicagoland   Join us   Login   Search

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** 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 Anaysis
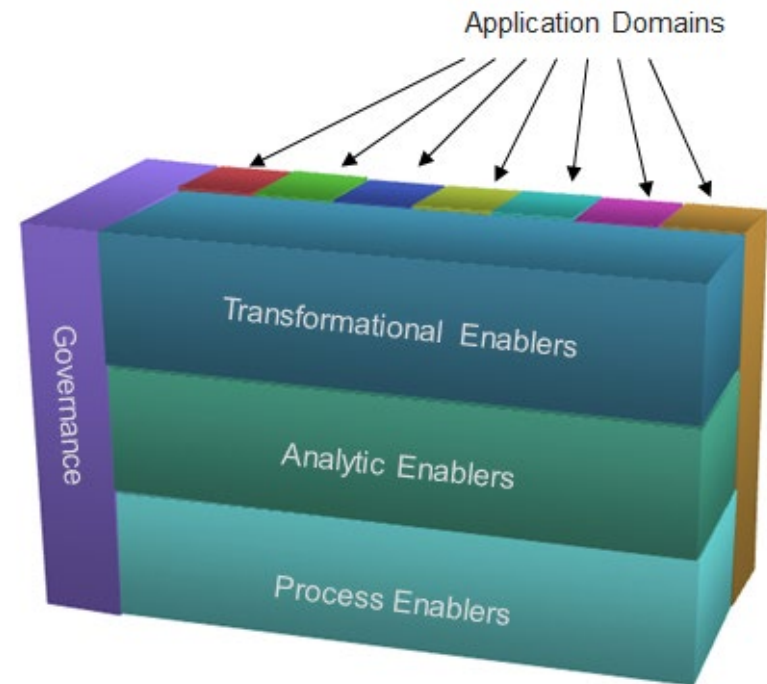
Benefits of INCOSE Membership (Cont.)

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 <u>over 30 events across INCOSE</u>:

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

- 18,000+ 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, 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!

   Email Richard Matt, Membership Chair, at richard.matt@incose.org

SE CERTIFICATION

Three SE Certification Levels

ASEP — ASSOCIATE SYSTEMS ENGINEERING PROFESSIONAL™

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.

CSEP — CERTIFIED SYSTEMS ENGINEERING PROFESSIONAL™

If you are a practicing Systems Engineer with more than five years of systems engineering professional work experience, then CSEP is for you.

ESEP — EXPERT SYSTEMS ENGINEERING PROFESSIONAL™

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 Kubycheck	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

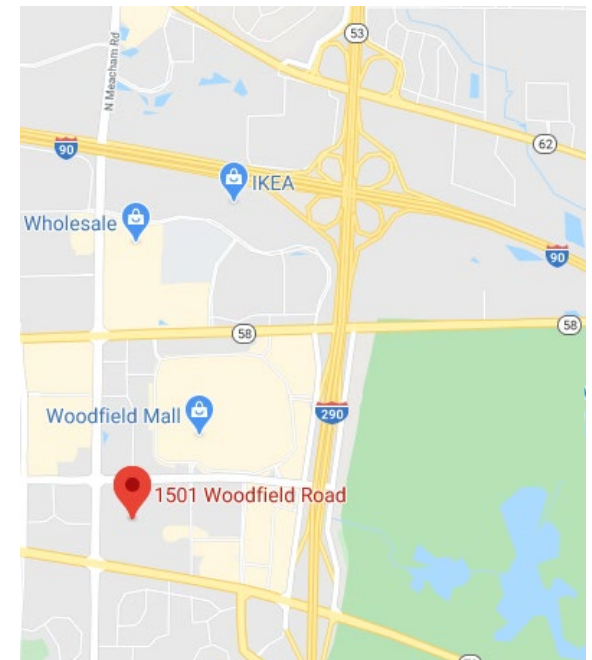# NEW SCHAUMBURG MEETING LOCATION

Aerotek and EASi Engineering Services

1501 E. Woodfield Rd Suite 300N
Schaumburg, IL 60173

Starting April 16, 2020

VOLUNTEER OPPORTUNITIES

Chicagoland BoD Volunteer Openings

We are looking for volunteers to fill 2 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, April 2, 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

Upcoming Chapter Meetings

April 16   **Empowering Women Leaders in Systems Engineering (EWLSE)**

Working Group presentation

May 21   **Saving Millions with Fault Tree Analysis**

Richard Matt, presenter

June 18   **Chicagoland 10th Anniversary Celebration** featuring Tony Williams, ESEP INCOSE Director, Americas Sector.

Spring Seminar
Systems Engineering for Legacy Systems

Instructor – David D. Walden, ESEP
Saturday in Schaumburg, IL.
Date: <mark>TBD</mark>

In this seminar, you will learn

- The key characteristics of Legacy development efforts
- How to effectively plan and manage a Legacy development effort
- How Legacy development affects your requirements and design
- How to effectively integrate your systems in a Legacy development environment
- Effective verification and validation in a Legacy development environment
- The latest Legacy lessons learned

6th Annual Systems Engineering in Healthcare Conference

World Class Speakers
Open Collaboration Sessions
Bring your own contributions
16 PDU Credits Available

Minneapolis, MN

Theme: Advancing the Practice of Systems Engineering in the Healthcare Industry

For more info, go to
https://www.incose.org/hwg-conference

The Chicagoland Chapter is a SILVER SPONSOR of this conference.

Delayed due to COVID-19.
Will be rescheduled for Fall 2020

INTRODUCTIONS

Personal Introductions

For this March 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 & 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

WORKING GROUP MINI-PRESENTATION

Here to give us an update on the INCOSE Healthcare Working Group and the 6th Annual System Engineering in Healthcare Conference is:

Mr. Kelly Weyrauch, Owner, Agile Quality Systems

Switch to slide deck from HC WG

FEATURE PRESENTATION

Tonight's Presentation

Cybersecurity in an Era of Smart Pump Interoperability

Chaitanya Srinivasamurthy
Senior Consultant and Managing Member
Technical Director Of Cybersecurity & Medical Device Connectivity, ICU Medical Inc.

Chaitanya has over 10 years of experience with building secure wireless connectivity solutions for Medical devices. He actively participates in hackathons like DEFCON and NCCoE's wireless Infusion pump study. He also actively participates in standards bodies such as UL 2900 & AAMI Device security.

[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: **Empowering Women Leaders in Systems Engineering (EWLSE)**