INCOSE Chicagoland Chapter Monthly Chapter Meeting Agenda

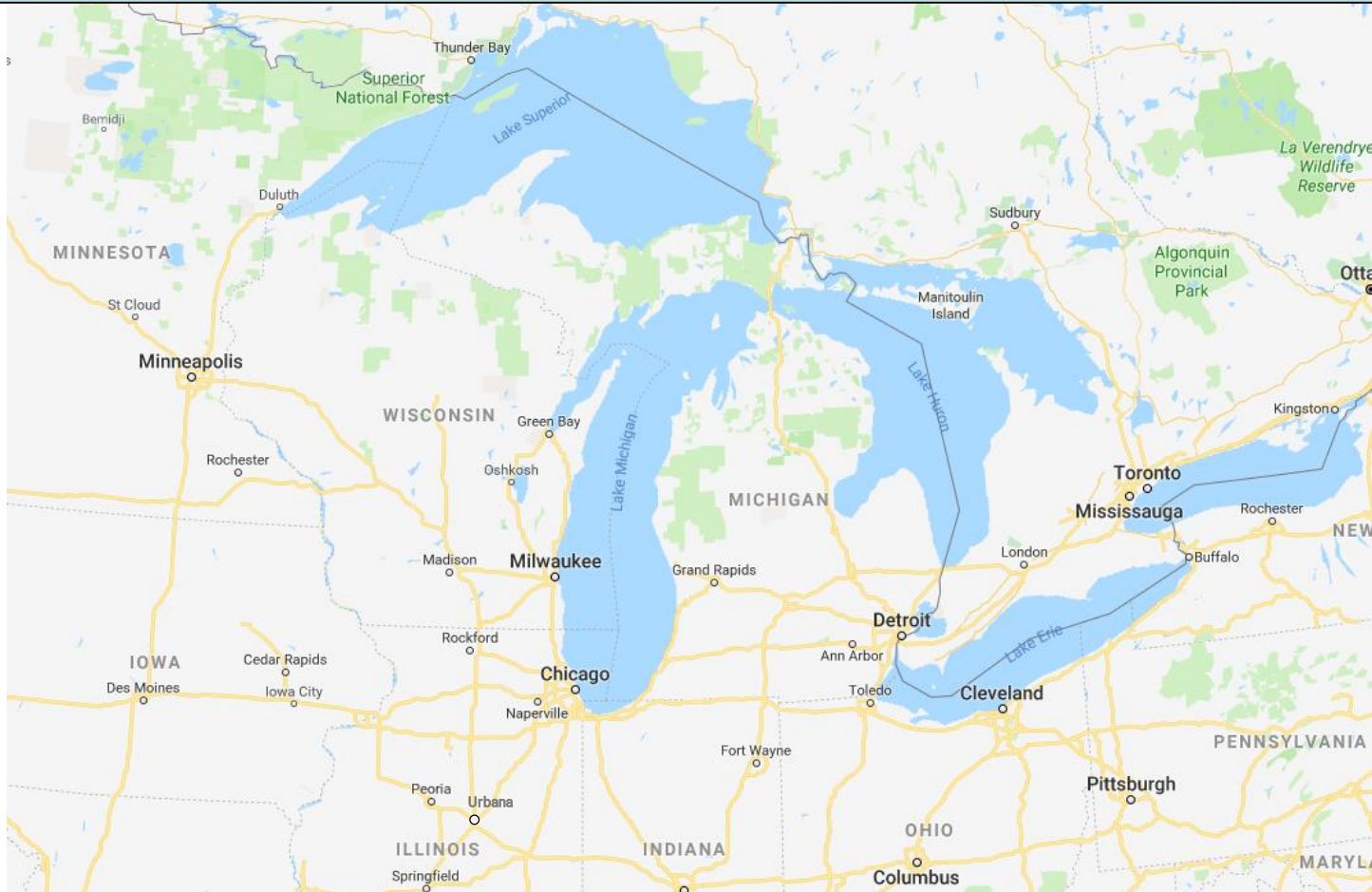## April 16, 2020

Please MUTE your phone

Agenda

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

- **6:45 – 8:15 PM CT** – Feature Presentation

Welcome remote attendees!

Chicagoland Chapter Celebrates Tenth Anniversary

Chicagoland Chapter Celebrates Tenth Anniversary

Anniversary celebration will feature a live presentation by Tony Williams, 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.)

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 Analysis
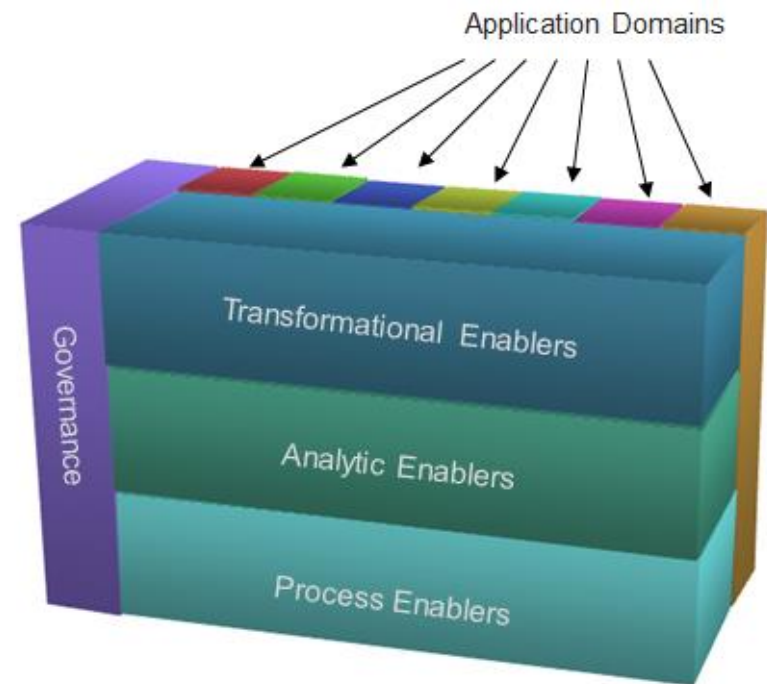
Benefits of INCOSE Membership (Cont.)

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 <u>events across INCOSE</u>:

Benefits of INCOSE Membership (Cont.)

Professional Development (cont.)

9. Access to the <u>INCOSE Store</u> for discounted and **free** publications:

Current texts on Systems Engineering, including

- Systems Product Line Engineering Handbook

- Guide for Writing Requirements

- System of Systems Primer

- Product Line Engineering Primer

- Systems Engineering Handbook

Free to download
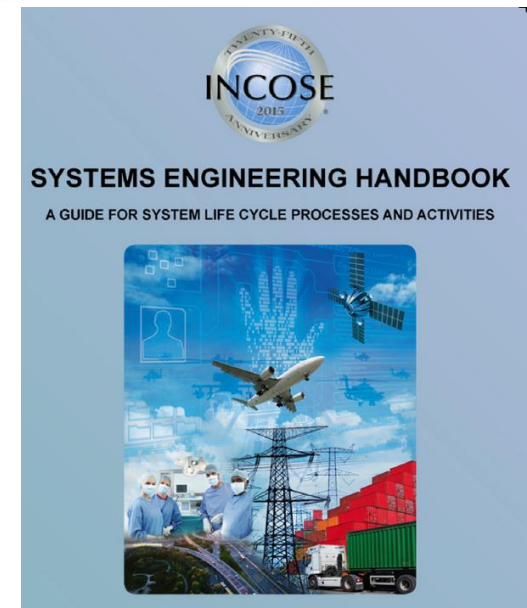
Benefits of INCOSE Membership (Cont.)

Professional Development (cont.)

10. 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

11. Access to INCOSE's **System Engineering Job Board**:
http://incose.careerwebsite.com/

12. 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"
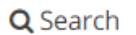
How to Join INCOSE

1. Go to 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

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 Kubycheck	CSEP	crk022@gmail.com
Chris Freund	ASEP	cfreund7@gmail.com

CSEP/ASEP Training Opportunity

Certification preparation course by Dave Walden, ESEP

- Mon-Wed-Fri: 4/27, 4/29, 5/1, 5/4, 5/6, and 5/8

- 11am-4pm Eastern Time each day

Discounts available:

- $200 off standard fee

- Additional $300 off for INCOSE members, employees of INCOSE CAB organizations, and employees of past Sysnovation clients

- Additional $500 off to those who have recently lost their jobs

- For a limited number of participants, if you are recently unemployed and currently in a challenging financial situation, use the deferred payment option to (take the course now, earn your SEP, use it to get that new job, and pay later)

Go to **www.sysnovation.com** for a link to registration

For more info: **Dave@sysnovation.com** or call 952-807-1388 for questions or discount codes

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

Aerotek and EASi Engineering Services

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

starting date pending

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, May 7, 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

May 21   **Saving Millions with Fault Tree Analysis**
Richard Matt, presenter

tbd   **Chicagoland 10th Anniversary Celebration**
with Tony Williams, ESEP INCOSE
Director, Americas Sector

tbd   **Innovating in a Secret World**
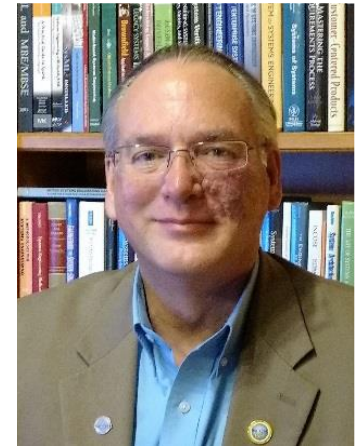Tina Srivastava as featured by MIT and the
National Defense Magazine

as always, third Thursday of the month!

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.

Rescheduled to October 5-7, 2020

INTRODUCTIONS

Personal Introductions

For this April 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

FEATURE PRESENTATION

Tonight's Presentation

Working Group Overview:

Empowering Women Leaders in Systems Engineering (EWLSE)

Stephanie Chiesi, CSEP

Ms. Chiesi works for Raytheon Missile Systems as a principal systems engineer. In 2017 she became the first RMS Systems Engineering Research Center (SERC) doctoral fellow, beginning her doctoral studies at Stevens Institute of Technology in the School of Systems and Enterprises.

She is a participant in several of INCOSE's working groups including challenge teams within the MBSE initiative and the Empowering Women Leaders in Systems Engineering.

[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: **Saving Millions with Fault Tree Analysis**