



**July 2020  
Joint  
Meeting**



**ASSOCIATION  
OF OLD CROWS  
WINDY CITY CHAPTER  
CHICAGO ★ ILLINOIS**

# **Joint Meeting of the INCOSE Chicagoland Chapter & Association of Old Crows (AOC) Windy City Chapter**

**July 16, 2020**

Please MUTE your phone

## **Agenda**

- **6:30 – 7:00 PM CT** – Welcome, Announcements, Intros
- **7:00 – 7:15 PM CT** – Mini Presentation on the INCOSE Anti-Terrorism International and Critical Infrastructure Protection and Recovery Working Groups
- **7:15 – 8:15 PM CT** – Feature Presentation  
Innovation and National Security: Participation and Secrecy



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## Chicagoland Chapter Celebrates Tenth Anniversary



CH1CAG0LAND  
2010 - 2020

CH1CAG0LAND  
2010 - 2020



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# MEMBERSHIP

## New Members

Welcome New Members within the last month:

### Name

### Company/Institution

John Bayless

Mark Mayefske

Charles Johnson

Jeff Patrick

Joseph Reisinger

John Deere

Astronautics Corporation of America

## **Renewing Members**

Thank You for renewing your membership

<b><u>Name</u></b>	<b><u>Company/Institution</u></b>
Kristine Heideman	Baxter Healthcare
Bob Zima	Eaton

# **Benefits of INCOSE Membership**

## **Professional Development**

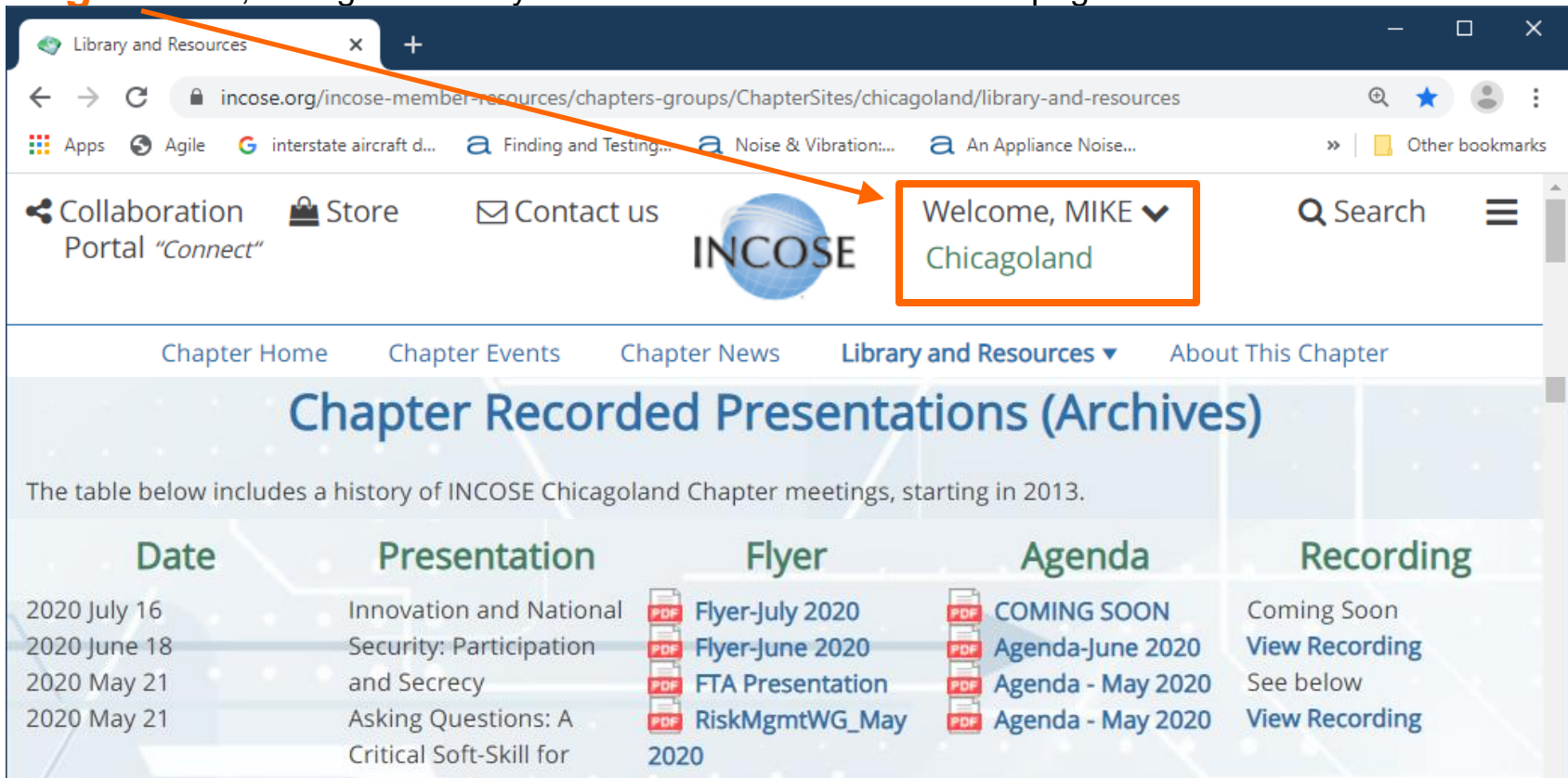
- 1. Monthly speakers at Chapter Meetings** on topics relevant to System Engineering (later in this meeting)
  
- 2. Monthly Webinars** on topics relevant to System Engineering (hosted by INCOSE Central). **SEPs can earn PDUs for attending!**

## Benefits of INCOSE Membership









### Professional Development (cont.)

### 3. Recordings of speakers at Chapter Meetings from previous months

**Log in first**, then go to Library and Resources tab of our home page



The screenshot shows the INCOSE Chicagoland website. The top navigation bar includes links for Collaboration Portal "Connect", Store, Contact us, and a user profile dropdown menu that says "Welcome, MIKE" with a dropdown arrow. Below this is the INCOSE logo. The main navigation bar has links for Chapter Home, Chapter Events, Chapter News, Library and Resources (which is highlighted with a dropdown arrow), and About This Chapter. The main content area is titled "Chapter Recorded Presentations (Archives)" and includes a table of past meetings.

Date	Presentation	Flyer	Agenda	Recording
2020 July 16	Innovation and National	 <a href="#">Flyer-July 2020</a>	 <a href="#">COMING SOON</a>	Coming Soon
2020 June 18	Security: Participation	 <a href="#">Flyer-June 2020</a>	 <a href="#">Agenda-June 2020</a>	<a href="#">View Recording</a>
2020 May 21	and Secrecy	 <a href="#">FTA Presentation</a>	 <a href="#">Agenda - May 2020</a>	See below
2020 May 21	Asking Questions: A Critical Soft-Skill for	 <a href="#">RiskMgmtWG_May 2020</a>	 <a href="#">Agenda - May 2020</a>	<a href="#">View Recording</a>



## 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

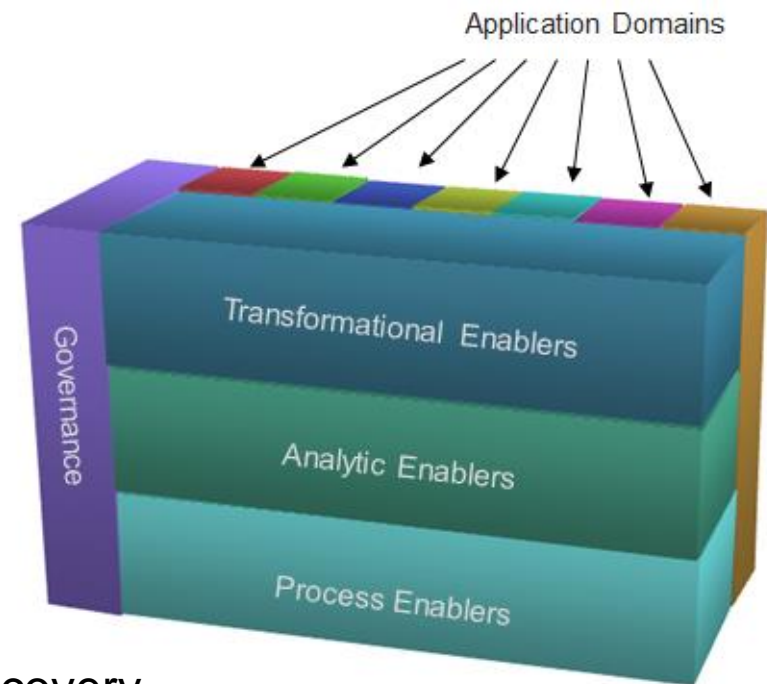
### Professional Development (cont.)

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

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

Just a few examples:

- Automotive
- Lean Systems Engineering
- Configuration Management
- Healthcare
- Risk Management
- Natural Systems
- Systems Security Engineering
- Training
- Critical Infrastructure Protection and Recovery



## 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.)

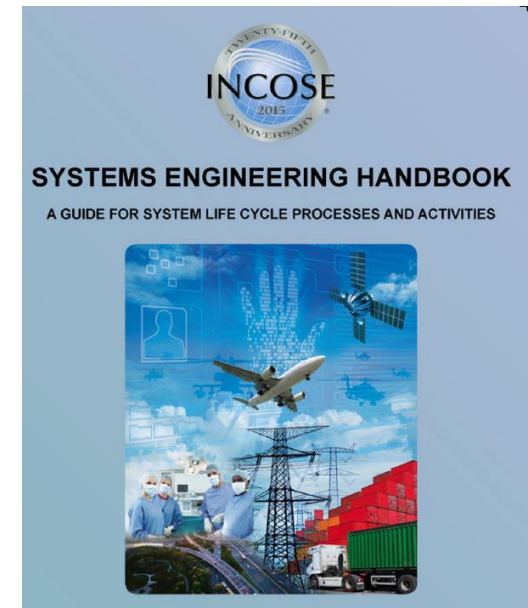
9. Access to the INCOSE Store for discounted and **free** publications:



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](mailto: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](mailto:incose.resume@gmail.com) for a review by Systems Engineering managers.

## Benefits of INCOSE Membership (Cont.)

### 13. Networking Opportunities

18,000+ INCOSE members worldwide

Networking for yourself and for employees!

- Before and after Chapter events

- Supporting your Chapter

- Supporting a Working Group

- Workshops/Symposiums

- Share SE Job postings at meetings & in members-only e-mail

### 14. 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.)**

### **16. 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”

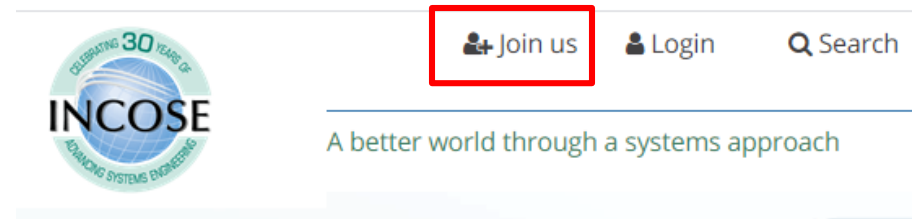
## How to Join INCOSE

1. Go to [www.incose.org](http://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](mailto: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.

Congratulations  
Rummana Sadiq  
for becoming a

Certified  
Systems  
Engineering  
Professional





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# **CHAPTER CIRCLE AWARDS**



## Circle Awards Program

The Chicagoland Chapter has been awarded the

# PLATINUM

## Award for 2019 !



## NEW SCHAUMBURG MEETING LOCATION

# Aerotek and EASi Engineering Services



**EASi**®  
Amazing Begins Here™

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



***starting date pending***



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# **UPCOMING INCOSE EVENTS**



## Upcoming Board Meetings

**Board Meetings on the first Thursday of each month**

- Meetings are open to all members
- Next meeting: Thursday, **August 6**, 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](mailto:mike.gut@incose.org)

## **Upcoming Chapter Meetings**

**August 20    Systems Engineering through Crisis: The  
Medical Device Industry Response to COVID-19**

**Presenter  
Sam Planas, Fresenius Kabi**

*as always, third Thursday of the month!*

# **Association of Old Crows Information**

## Who is the Association of Old Crows?

The **AOC** is an international organization with over 14,000 individuals who have common interests in Electronic Warfare (**EW**), Electromagnetic Spectrum Management Operations (**EMSO**), Cyber Electromagnetic Activities (**CEMA**), Information Operations (**IO**), and other information related capabilities.

The **AOC provides** a means of connecting members and organizations nationally and internationally across **government**, **defense**, **industry**, and **academia** to promote the exchange of ideas and information, and provides a platform to recognize advances and contributions in these fields.

**AOC stands** at the heart of the Electromagnetic Warfare community.

## Benefits of AOC Membership

**AOC produces** the [Journal of Electromagnetic Dominance](#), the premier publication for the EW community, and delivers it to AOC members physically and digitally.

**AOC hosts** the [Annual AOC International Symposium & Convention](#), the largest & most prestigious EW event each year with 2,000 of our community's leaders convening to shape the future of the Electromagnetic Warfare enterprise.

**AOC organizes** [Regional conferences](#), located at EW centers of gravity across the globe, provide in-depth discussions on solving the latest challenges and threats facing the warfighter.

**AOC provides** the only [Career Center](#) that serves as the intersection of talent and opportunity within the Electromagnetic Warfare enterprise.

## Benefits of AOC Membership (Cont.)

**AOC educates** and trains the EMS workforce through world-class Professional Development courses.

**AOC advocates** for EW and related EMS capabilities across government, military, and industry.

**AOC connects** members through more than 69 Chapters across the globe, providing members with local networking opportunities and a vital sense of community.

**AOC supports** the next generation of crows with scholarships and a yearly STEM outreach program.

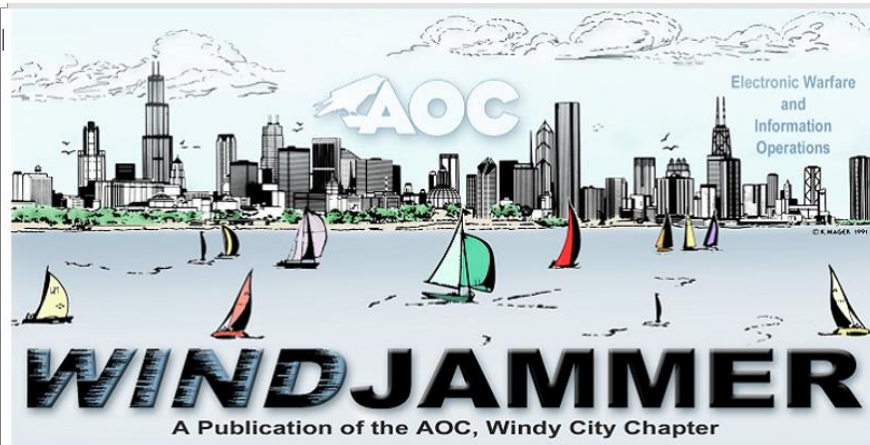
**AOC awards** individuals and military units for their outstanding performance in furthering the aims of the AOC and the Electromagnetic Warfare enterprise.



## AOC publications

**Journal of Electromagnetic  
Dominance:** magazine and online

**Windjammer:** chapter information



2018, Spring Issue 2

<http://www.crows.org>

May 2018

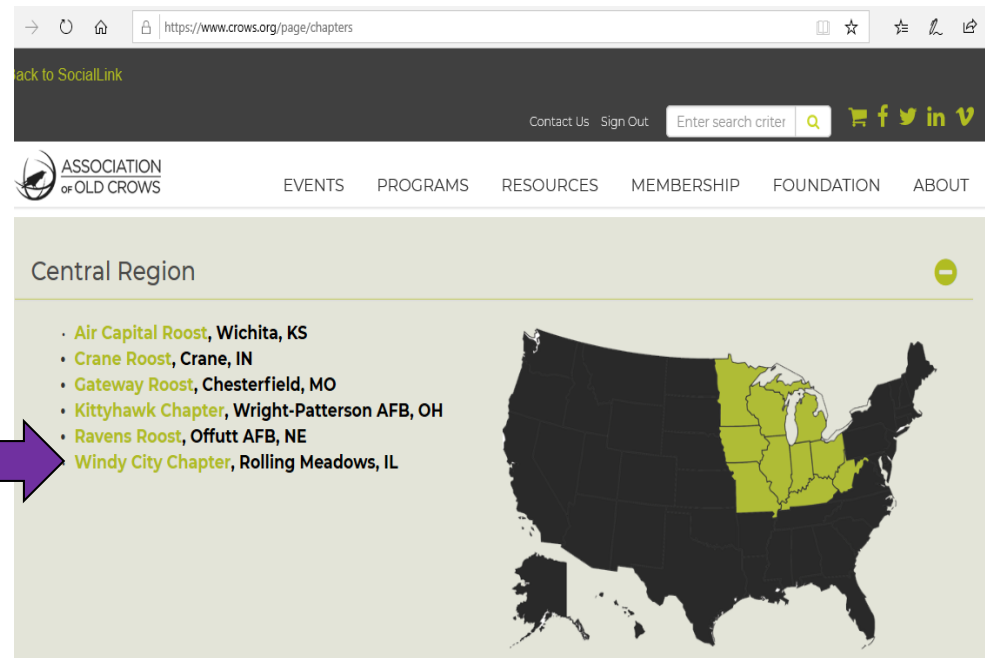
### In This Issue:

guy, local college students who are in STEM careers and also have an interest in the National Defense of this great nation. While the evening is always a good time, it could

## AOC membership

The Windy City Chapter represents the AOC in the **Central Region**.

Membership start at only \$45/year. To become a member: Go to [www.crows.org](http://www.crows.org), choose “**Membership**”, choose “**Join Now**” and follow the prompts.



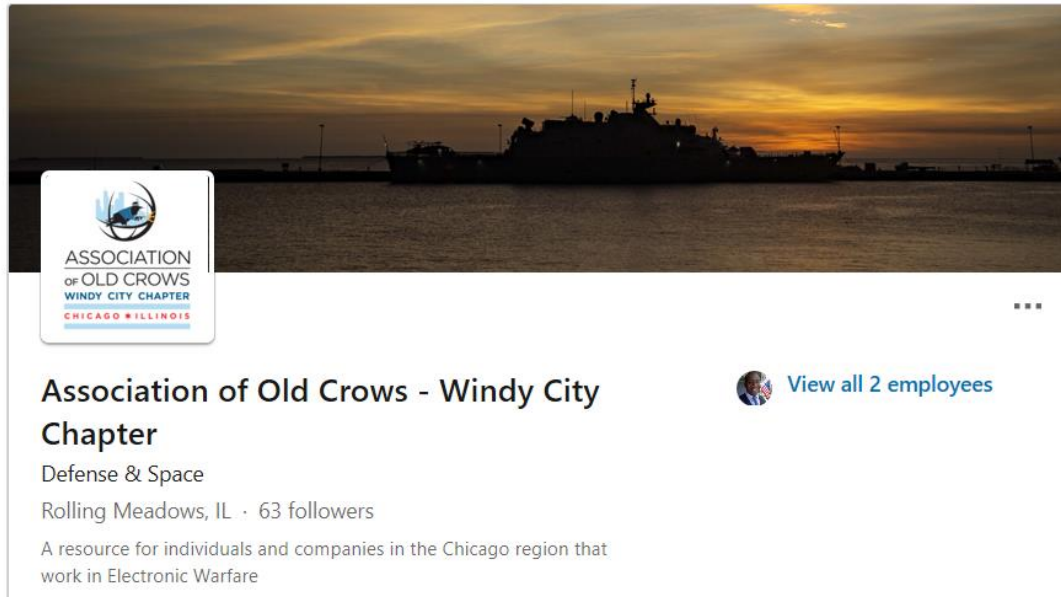


LinkedIn

Jobs ▼

Association of Old Crows - Windy Ci

Worldwide

The LinkedIn profile for the Association of Old Crows - Windy City Chapter is displayed. The header image shows a large ship on a body of water at sunset. The profile picture is the Association of Old Crows logo. The name "Association of Old Crows - Windy City Chapter" is prominently displayed, followed by the industry "Defense & Space", the location "Rolling Meadows, IL", and "63 followers". A description states: "A resource for individuals and companies in the Chicago region that work in Electronic Warfare". A link to "View all 2 employees" is also present.


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Defense & Space

Rolling Meadows, IL · 63 followers

A resource for individuals and companies in the Chicago region that  
work in Electronic Warfare

 View all 2 employees

<https://www.linkedin.com/company/windycitycrows>



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# INTRODUCTIONS

## Personal Introductions

For this 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 / locale
- Are you an INCOSE member, and if so, for how long?
- 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 Anti-Terrorism International and Critical Infrastructure  
Protection and Recovery Working Groups**

**Mr. Steve Sutton  
Co-Chair of the Anti-Terrorism International WG  
INCOSE's Liaison to the Accreditation Board for Engineering  
and Technology, Inc.**

# **FEATURE PRESENTATION**

## Tonight's Presentation

### **Innovation and National Security: Participation and Secrecy**

**Dr. Tina P. Srivastava**

Lecturer at MIT Aeronautics and Astronautics Engineering,  
MIT System Design and Management Fellow, INCOSE Co-Chair of  
PM-SE Integration 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**

**Systems Engineering through Crisis: The Medical  
Device Industry Response to COVID-19**

## **Presenter**

**Samantha Planas, Fresenius Kabi**