



CHICAGOLAND



ASSOCIATION
OF OLD CROWS
WINDY CITY CHAPTER
CHICAGO ★ ILLINOIS

September 2021 Joint Meeting

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

September 16, 2021

Please MUTE your phone



Agenda

- **6:30 – 7:00 PM CT** – Welcome, Announcements, Intros
- **7:00 – 8:30 PM CT** – Feature Presentation
Technology Transfer across Public and Private Sector from
Innovating in a Secret World
Presenter: Dr. Tina P. Srivastava



CHICAGOLAND



ASSOCIATION
OF OLD CROWS
WINDY CITY CHAPTER
CHICAGO ★ ILLINOIS

September 2021 Joint Meeting

MEMBERSHIP



New Members

Welcome to New Members within the last month!

<u>Name</u>	<u>Company/Institution</u>
Charlie Schweller	University of Dayton
Aishwarya Sanaka	University of Illinois at Chicago (UIC)
Gulroz Singh	Ansys
Yingchun Liu	



Renewing Members

Thank You for renewing your membership

<u>Name</u>	<u>Company/Institution</u>
Randall Iliff	Eclectic Intellect, LLC
Gary Oswald	Shure Inc
Dale Brown	Hatch
Gilbert Geiman	Intrado
Jon Mooney	Acoustics by JW Mooney
Ashutosh Kumar	
Yuanhong Li	John Deere

Benefits of INCOSE Membership

Professional Development

1. **Monthly speakers at Chapter Meetings** on topics relevant to System Engineering (later in this meeting)
2. **INCOSE Virtual Community.** Participate live or view recorded meetings with recognized Systems Engineering experts.

SEPs can earn PDUs for attending!



INCOSE Systems Exchange Cafés



INCOSE Webinar Showcase

incose.org/about-incose/community



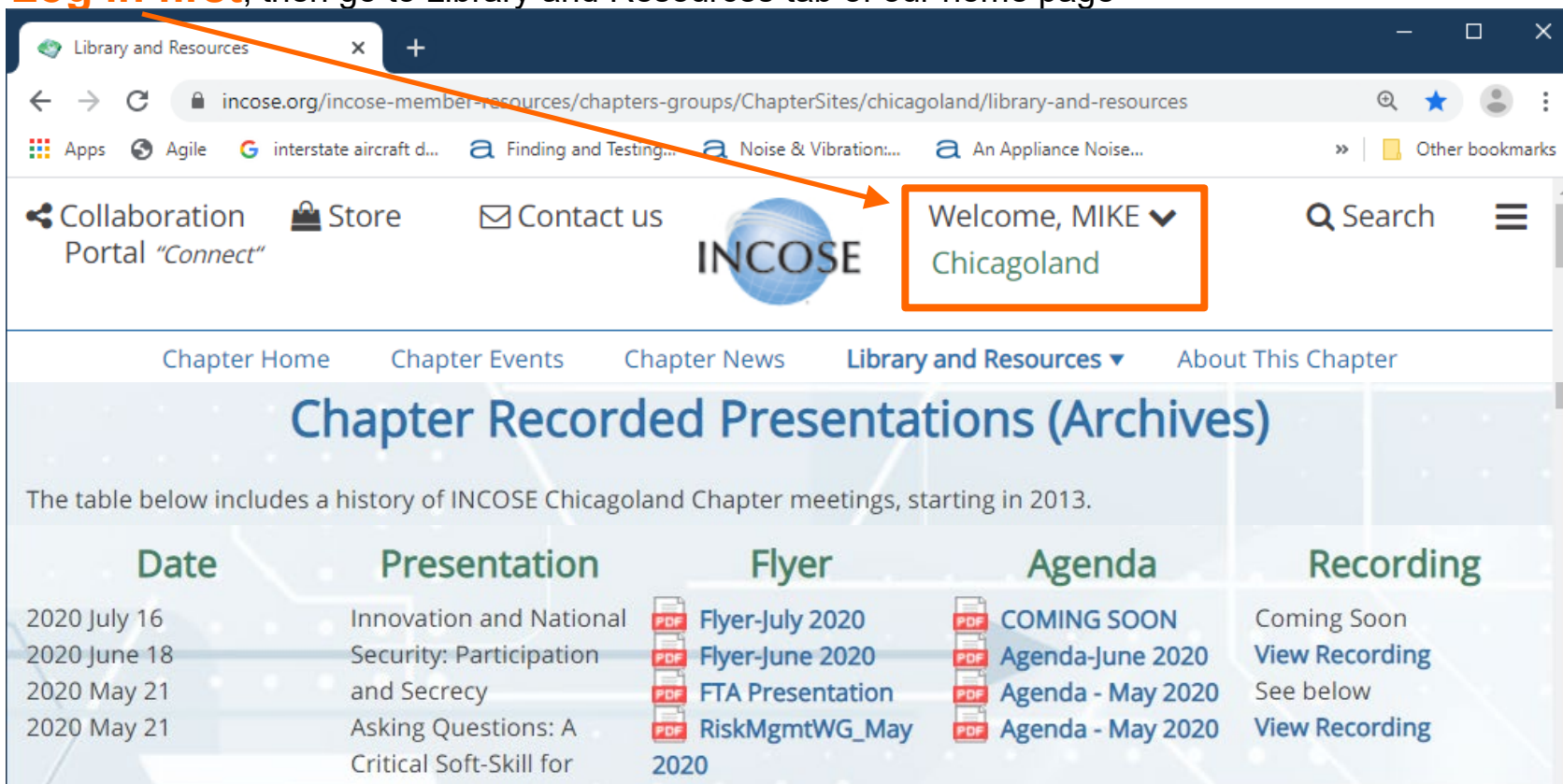
September 2021 Joint Meeting

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 'Library and Resources' tab is selected in the top navigation bar. The 'Welcome, MIKE' dropdown menu is highlighted with an orange box. Below the navigation bar, the 'Chapter Recorded Presentations (Archives)' section is visible, featuring a table of past meetings.

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



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

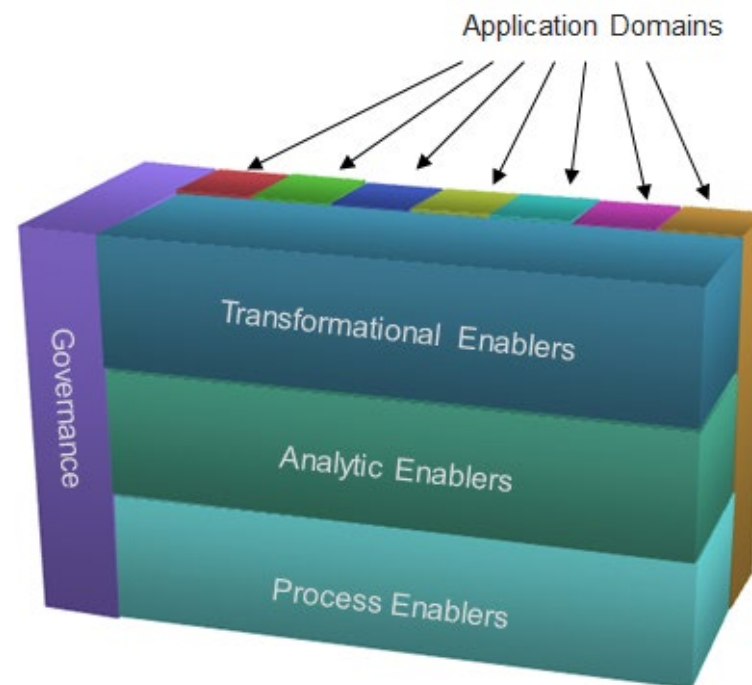
Professional Development (cont.)

5. Access to the output of **50 INCOSE Working Groups**

<https://www.incose.org/incose-member-resources/working-groups>

Just a few examples:

- Automotive
- Defense Systems
- Configuration Management
- Healthcare
- Risk Management
- Integration, Verification & Validation
- Small Business Systems Engineering
- Space Systems
- Value Proposition Initiative





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.)

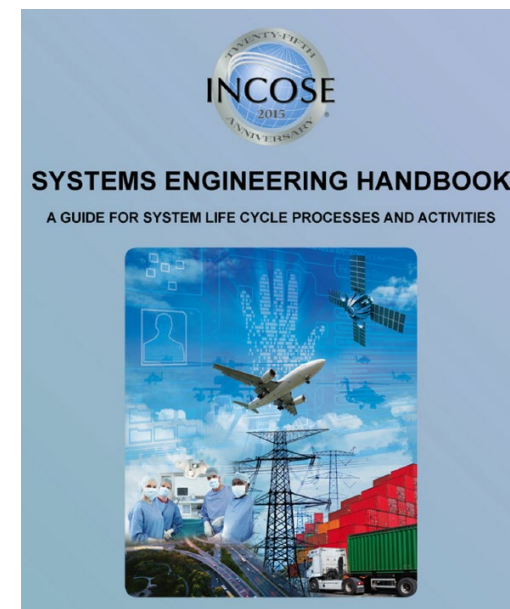
7. Access to the INCOSE Store for discounted and **free** publications:



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.)

8. 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



9. Access to INCOSE's **System Engineering Job Board**:

<http://incose.careerwebsite.com/>

10. Free Resume Review Service

Email your resume to incose.resume@gmail.com for a review by Systems Engineering managers.



Benefits of INCOSE Membership (Cont.)

11. 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

12. 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.)

13. 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



Join us

Login

Search

A better world through a systems approach



September 2021 Joint Meeting

NEW SCHAUMBURG MEETING LOCATION

Actalent

 (formerly Aerotek's Engineering and Sciences divisions and EASi)

Actalent

People to Possible

Actalent is an operating company of Allegis Group,
leader in talent solutions.

starting date pending



actalentservices.com



VOLUNTEER OPPORTUNITIES



2022 Elections for Chapter Officers

This October, we will be holding our Annual Election for these Chicagoland Chapter Board of Directors positions:

- 1) President
- 2) Vice President
- 3) Secretary
- 4) Treasurer
- 5) Director At Large (2 positions)

All Chapter members will receive a voting ballot via email.

If you are interested in serving on the 2022 Chapter Board of Directors, contact Mike Gut, Chapter President.

mike.gut@incose.org



September 2021 Joint Meeting

2022 Appointed Positions

In addition to elected officers, the Chicagoland Chapter Board of Directors has these appointed positions:

Program Chair

Membership Chair

Communications Chair

Academic Representative

Industry Outreach Representative

Web Master

If you are interested in serving on the 2022 Chapter Board of Directors, contact Mike Gut, Chapter President.

mike.gut@incose.org



September 2021 Joint Meeting

Volunteer Opportunities

These positions are open

Ambassador (for your company)

Video Editor

Volunteer Coordinator

Interested in helping out?

Contact: Mike Gut, Chapter President, via email:

mike.gut@incose.org



September 2021 Joint Meeting

Call for Presenters and Topics

Have a particular SE technique you would like to share?

Would you like to showcase how SE is used at your company?

Are there SE tools and skills that would benefit your career?

Let us know!

Contact Gary Oswald, Program Chair:

oswaldgary33@gmail.com



UPCOMING INCOSE EVENTS



September 2021 Joint Meeting

Upcoming Board Meetings

Board Meetings on the first Thursday of each month

- Meetings are open to all members
- Next meeting: Thursday, **October 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!

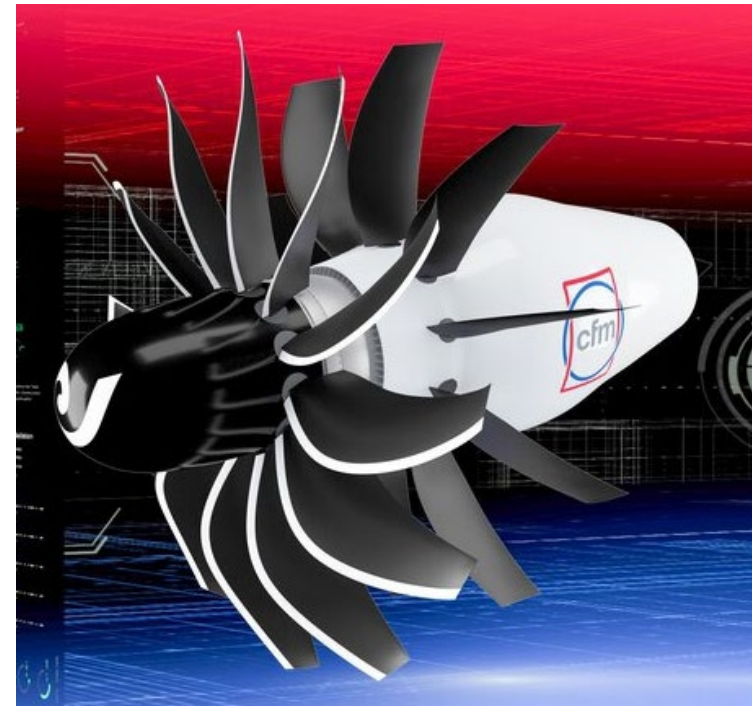
Interested in helping out?

Contact: Mike Gut, Chapter President, via email:

mike.gut@incose.org

September 2021 Joint Meeting

Next month: Propfan Technology 1980's to 2021



Tom Fey – Student of Propulsion Technology

The history of the founding technologies, developmental partnerships, various design strategies, and challenges of the Open Rotor / Propfan propulsion system will be discussed.



Thursday, October 21!



CHICAGOLAND



ASSOCIATION
OF OLD CROWS
WINDY CITY CHAPTER
CHICAGO ★ ILLINOIS

September 2021 Joint Meeting

Systems Engineering in Healthcare Conference

“Advancing the Practice of Systems Engineering in the Healthcare Industry”

Tentative Agenda -

- **Friday, October 29, 2021**, 1-5 pm USA Eastern Time
Session 1: Requirements Tools to Meet FDA Design Control Requirements
- **Friday, November 05, 2021**, 1-5 pm USA Eastern Time
Session 2A: Systems Responses to COVID-19 and Future Pandemics
Session 2B: User View on Requirements Tools
- **Friday, November 12, 2021**, 1-5 pm USA Eastern Time
Session 3A: Linking SE Models with Simulations for Device Development
Session 3B: System Approaches to Tracking Pandemic Responses
- **Friday, November 19, 2021**, 1-5 pm USA Eastern Time
Session 4: Lean Healthcare Systems Engineering

<https://www.incose.org/hwg-conference>



Healthcare
Working Group 

INCOSE Chicagoland Fall Seminar 2021

Correcting Systems Engineering Performance Contributions to
Project Technical, Cost, and Schedule Performance Issues

Friday, November 12th

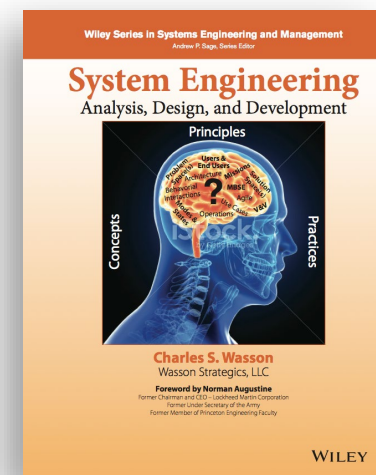
- ❑ Explore the current state of Systems Engineering practice and its issues.
- ❑ Gain a better perspective as to how SE contributes to project performance issues.
- ❑ Learn corrective action solutions to “takeback” to your organization to deal with the SE contributions to project technical, cost, and schedule performance issues.
- ❑ Participants will receive electronic copies of seminar reference materials in advance

Presenter, Charles Wasson, INCOSE Fellow and ESEP, will provide an overview of the seminar at the INCOSE Chicagoland Chapter Meeting on Thursday, October 21st

A free copy of his book, *System Engineering Analysis, Design, and Development Concepts, Principles, and Practices* will be raffled to seminar ticket holders tonight, and at the October Chapter meeting!

[Early Bird registration open!](#)

<https://incose-chicagoland-2021-fall-seminar.eventbrite.com>





Association of Old Crows



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.

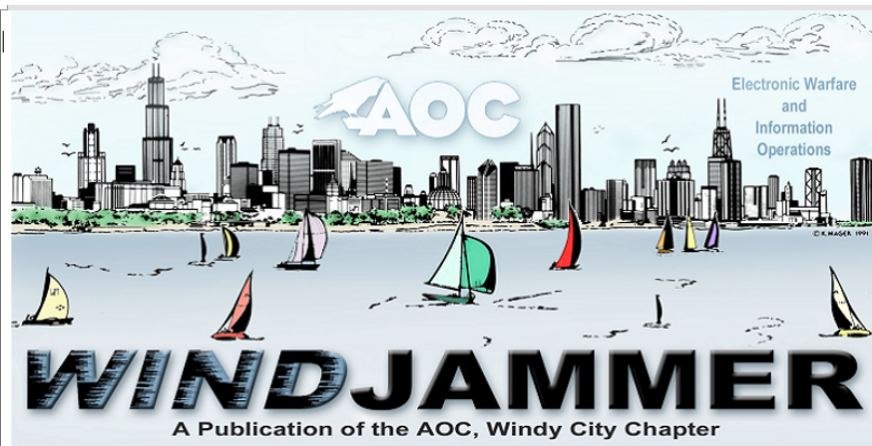
AOC supports the next generation of crows with scholarships and a yearly STEM outreach program.

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:

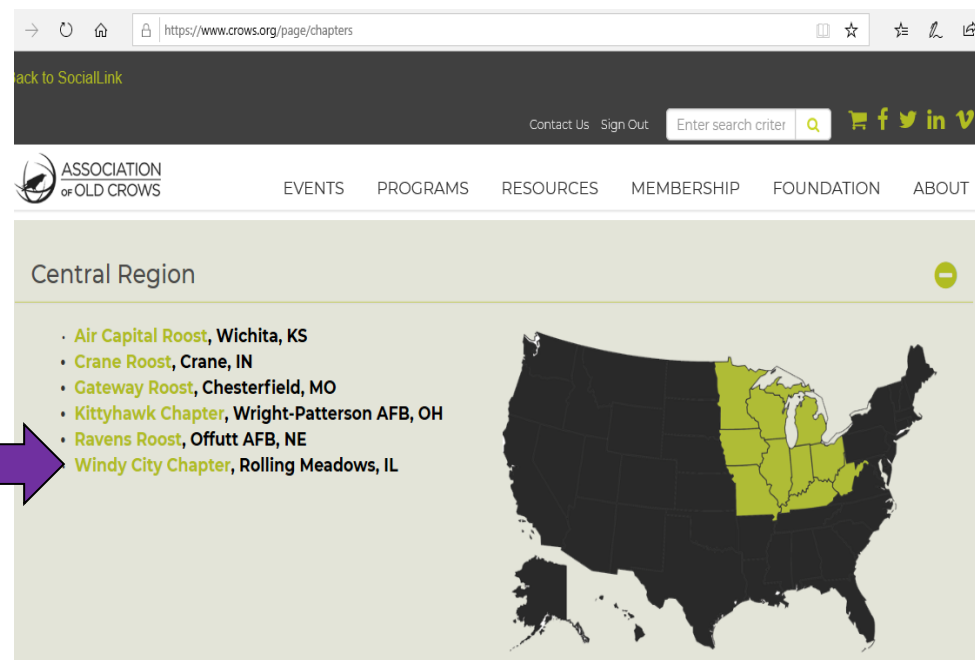
our local college students who are in STEM careers and also have an interest in the National Defense of this great nation. While the evening is always a good time, it could



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, choose “**Membership**”, choose “**Join Now**” and follow the prompts.

https://www.crows.org/page/chapters

back to SocialLink

Contact Us Sign Out Enter search criteria

ASSOCIATION OF OLD CROWS

EVENTS PROGRAMS RESOURCES MEMBERSHIP FOUNDATION ABOUT

Central Region

- Air Capital Roost, Wichita, KS
- Crane Roost, Crane, IN
- Gateway Roost, Chesterfield, MO
- Kittyhawk Chapter, Wright-Patterson AFB, OH
- Ravens Roost, Offutt AFB, NE
- Windy City Chapter, Rolling Meadows, IL

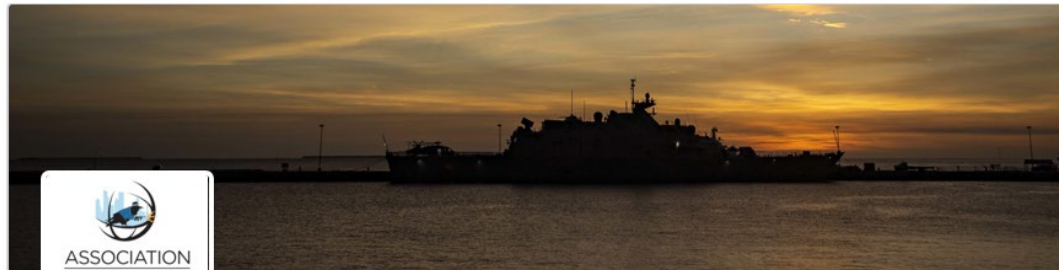


LinkedIn

Jobs ▼

Association of Old Crows - Windy Cit

Worldwide

**Association of Old Crows - Windy City
Chapter**

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>



INTRODUCTIONS



September 2021 Joint Meeting

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 Association of Old Crows or INCOSE member?
- Job opportunities at your company, if any, or announce if you are looking for an opportunity



FEATURE PRESENTATION

[Start recording]



September 2021 Joint Meeting

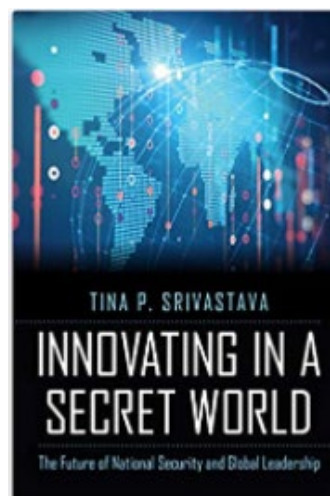
Technology Transfer across the Public and Private Sector

Dr. Tina P. Srivastava

Lecturer at MIT Aeronautics and Astronautics Engineering

INCOSE Co-Chair of PM-SE Integration Working Group

author of *Innovating in a Secret World*

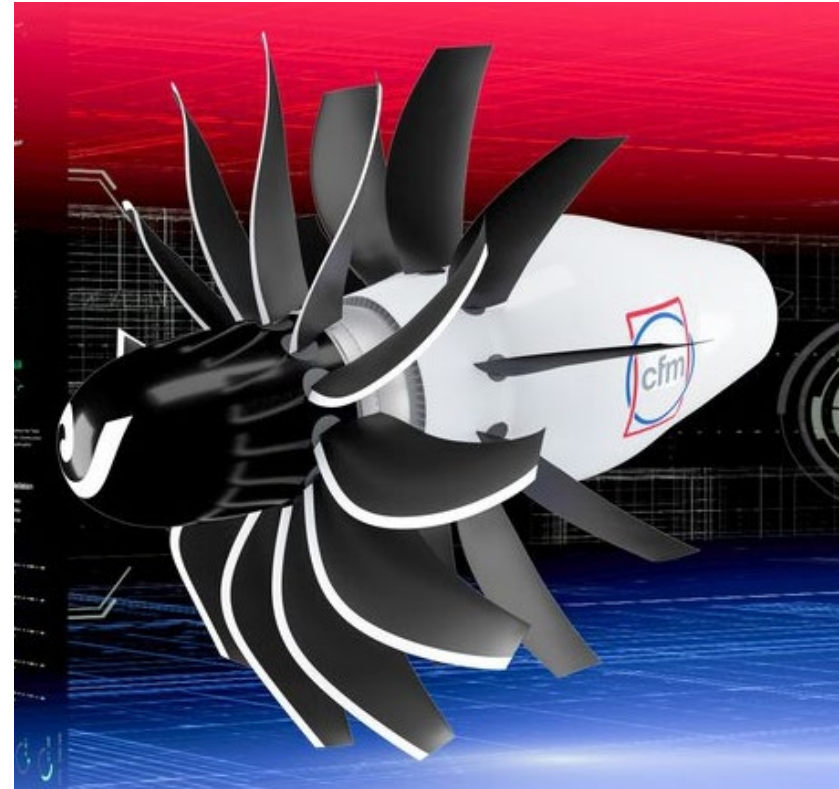


A free copy of this exciting book will be raffled off at the end of tonight's meeting and sent to the lucky winner!



September 2021 Joint Meeting

Next month: Propfan Technology 1980's to 2021



Thursday, October 21!