INCOSE CHICAGOLAND

ASSOCIATION OF OLD CROWS
WINDY CITY CHAPTER
CHICAGO ✶ ILLINOIS

Joint Meeting of the

INCOSE Chicagoland Chapter &

Association of Old Crows (AOC) Windy City Chapter

March 21, 2019

Please sign the Attendance Sheet and

verify that your contact information is current

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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** – Meeting Presentation
- **8:15 – ???** – Networking

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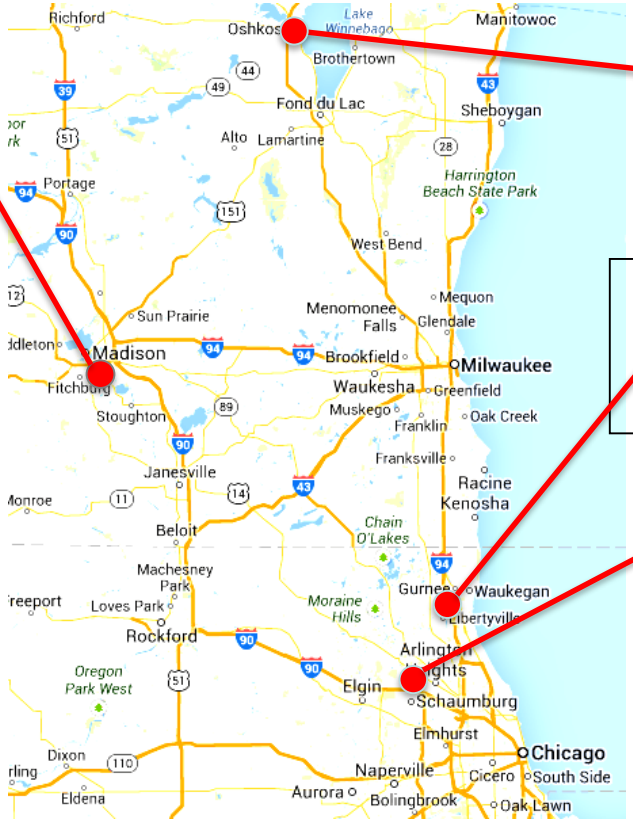
Welcome All Sites

bb7
Madison, WI

And many others joining remotely from Chicagoland and beyond



Oshkosh Corp
Oshkosh, WI

AbbVie Inc.
North Chicago, IL

Northrop Grumman
Rolling Meadows, IL

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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

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Who or what is the AOC?

ASSOCIATION OF OLD CROWS

The Association of Old Crows is an international organization for 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 Association of Old Crows 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.

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MEMBERSHIP

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New Members

Welcome New Members within the last month:

Name	Company / Institution
Marzouki, Jamel	River North Solutions

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Renewing Members

Welcome Renewing Members within the last month:

Name	Company / Institution
Anderson, Brian	Oshkosh Defense LLC
Gut, Mike	ICU Medical
Hallen, Susan	IBM
Kreutz, Kendra	Kendra Kreutz Consulting
Lindstrom, Thomas	TL Engineering Inc.
Merrick, Andrew	CNH Industrial
Rose, Mark	DRS Technologies, Inc.
Staub, Chris	Chamberlain
Ziobro, John	SpectraMedEx, LLC

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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)

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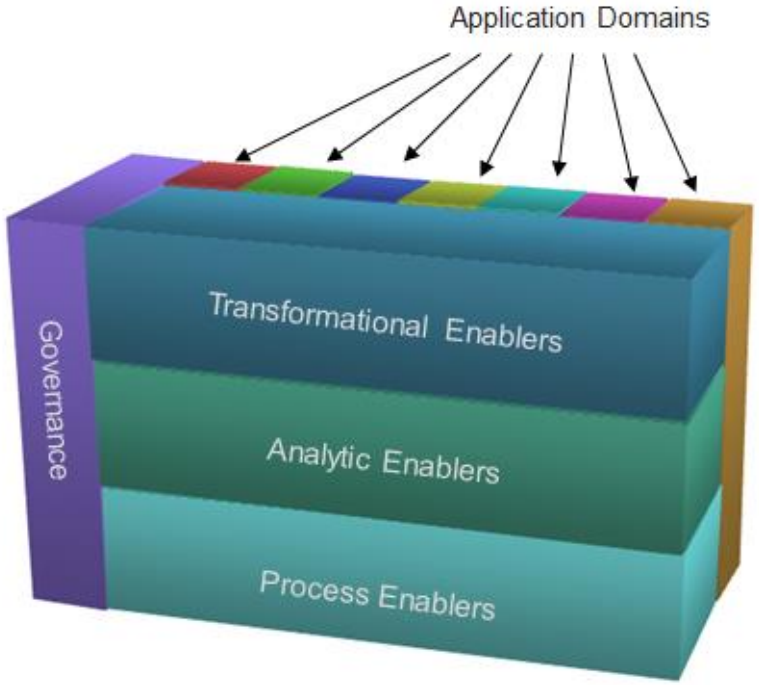
Benefits of INCOSE Membership

Professional Development

4. Access to the output of over **40 INCOSE Working Groups** (Google “INCOSE Working Group”):

Examples:

- Agile SE
- Architecture
- Healthcare
- MBSE Initiative
- SE in Very Small Entities (VSE)
- Product Lines
- Training



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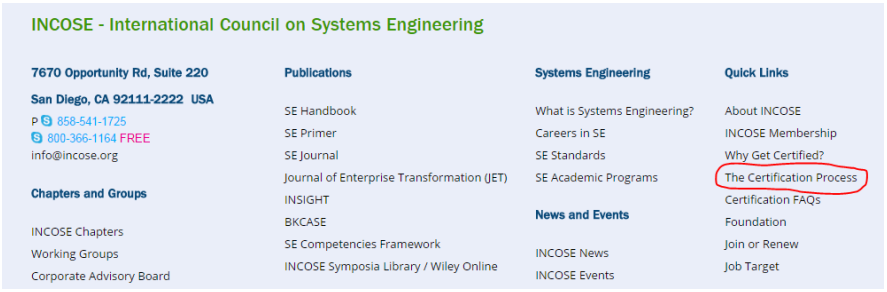
Benefits of INCOSE Membership (Cont.)

Professional Development (Cont.)

5. **INCOSE Connect:** content developed by chapters and working groups (Click on “INCOSE CONNECT” on the chapter’s home page)

6. **System Engineering Certification** (ASEP, CSEP, ESEP) (Click on “The Certification Process” on the chapter’s home page)



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Benefits of INCOSE Membership (Cont.)

Professional Development (Cont.)

7. **Access to a forum** on handling System Engineering issues (Click on 'Reddit' on the chapter's home page)

8. Access a list of <u>over 30 Activities Across INCOSE</u>:

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Benefits of INCOSE Membership (Cont.)

Professional Development (Cont.)

9. Access to Tweets on **new job leads** (from Chapter web site):

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

11. Free Resume Review Service
    https://www.incose.org/chicagoland

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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!)

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Benefits of INCOSE Membership (Cont.)

Help Others

- Share SE knowledge/experience with:
  - New SEs
  - Professional Societies
  - K-12, college students
- Advance the art/profession of System Engineering
- Establish your brand
- “Pay It Forward”

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How to Join INCOSE

1. Go to the INCOSE Website – 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

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SE CERTIFICATION

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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/

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SE Certification Levels
for experienced practitioners

WE KNOW A THING OR TWO BECAUSE
WE'VE SEEN A THING OR TWO.

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CHAPTER CIRCLE AWARDS

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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, Silver 2011, Bronze 2009

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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, with evidence

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VOLUNTEER OPPORTUNITIES

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INCOSE CHICAGOLAND

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	Randy Iliff
GLRC Representative	Bob Parro
2019 GLRC Co-Chair (Ohio) / 2020 GLRC Chair (Chicago)	**Open position**

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Chicagoland BoD Volunteers

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

1) Academic Representative
2) Industry Outreach Representative
3) Professional Society Representative (filled through Q2)
4) 2019 GLRC Co-Chair / 2020 GLRC Chair

If interested in volunteering, please contact:
Steve Perich, Chapter President, via email at:
chitownse2@yahoo.com

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AUTOSAR

The **INCOSE Michigan Chapter, the INCOSE Automotive WG** and **AUTOSAR** are looking for volunteers to join in the development of the future of **AUT**omotive **O**pen **S**ystem **AR**chitecture (AUTOSAR).

Volunteers must be INCOSE members that are currently members of AUTOSAR.

To become a Member of AUTOSAR, go to:

https://www.autosar.org/how-to-join/

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UPCOMING INCOSE EVENTS

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Upcoming Board Meetings

Board Meetings on the first Thursday of each month

- Meetings are open to all members
- Next meeting: Thursday, April 4, 7:00 – 9:00 PM CT
  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

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Upcoming Chapter Meetings

Chapter Meetings on 3rd Thursday of the month @ 6:30pm

Next Mtg.: April 18, 2019

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

Topic: Agile Development and Systems Engineering – A Spring Tutorial Preview

Agile Quality Systems

Meeting ideas are always welcome.
Please send suggestions for topics, speakers, meeting formats to Gary Oswald (oswaldgary33@gmail.com)

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INCOSE CHICAGOLAND

2019 Spring Seminar/Tutorial

Date: Saturday, April 27, 2019
Time: 8:30 AM to 5 PM
Location: IBM Offices, 10 N. Martingale Road, Schaumburg, IL

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

Topic: Agile Development and Systems Engineering

This Tutorial will explore Systems Engineering principles from INCOSE and ISO 15288 System Life Cycle Processes, and the principles of Agile scaling methods such as those defined in the Scaled Agile Framework (SAFe®).

More information will be available very soon and will be emailed out to all members and posted on the Chapter web site.

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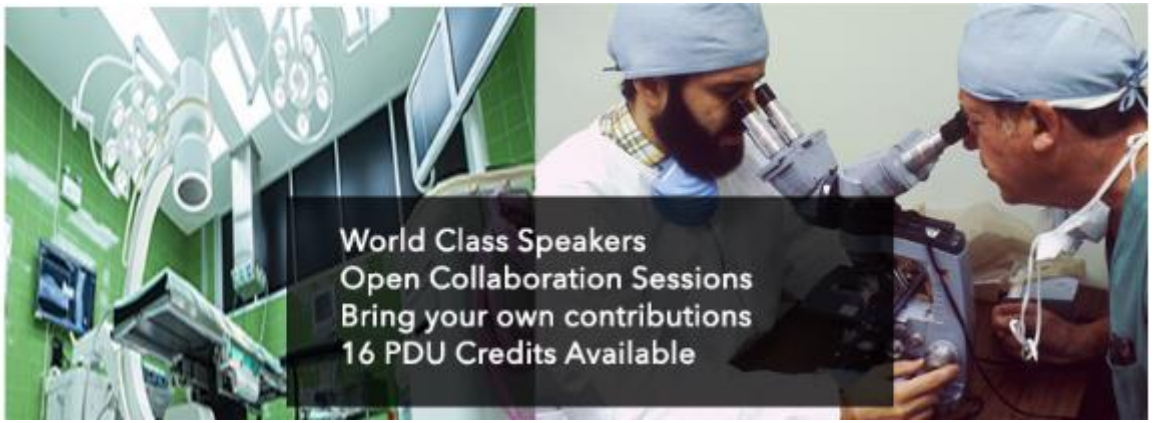
INCOSE Healthcare Working Group

5th Annual Systems Engineering in Healthcare Conference

May 1-2, 2019
Minneapolis, MN



Location: Crowne Plaza AiRE Hotel, Bloomington, Minnesota.

This conference enables participants to share the best practices in the latest Systems Engineering topics as applied to the Healthcare Industry.

Early Bird registration ends March 30, 2019 (9 days left).

For more information, go to:

https://www.incose.org/hwg-conference-2019/home

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29th Annual INCOSE international symposium

Orlando, FL, USA

July 20 - 25, 2019

There will be keynote speakers, papers, panels / roundtables, and tutorials.

Early Bird registration ends May 31, 2019.

For more information, go to:

https://www.incose.org/symp2019/home

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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

More details coming this summer. Stay tuned…

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UPCOMING NON-INCOSE EVENTS

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2019 HFES Symposium

Human Factors and Ergonomics in Health Care

MARCH 24–27, 2019 | CHICAGO, ILLINOIS

Location: Hilton Chicago Hotel, Chicago, IL

There will be a keynote lecture, papers, panels / roundtables, and workshops.

INCOSE Members can register at the HFES Member rate.

For more information, go to: https://www.hfes.org/events

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UPCOMING AOC EVENTS & VOLUNTEERING

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President
Sharon Lyczak

Vice President
Tom Kus

ASSOCIATION OF OLD CROWS
WINDY CITY CHAPTER
CHICAGO ✶ ILLINOIS

EDUCATIONAL FOUNDATION AOC Founded 1985

Secretary
Adam Broton

Treasurer
Bob Cozzi

https://www.crows.org/group/windy_city

Looking for a few good people:

- The AOC will be judging the science fair at NIU this coming Saturday, March 23rd.
- We will be giving out 4 “special” awards to some exceptional students in the fields of electronics, physics, engineering, etc.
- We could use a few good judges.
- If interested / available, please contact Eric Moser at 224-625-4192 or eric.moser@ngc.com

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The AOC Board of Directors Needs a Few Good People

- Looking to get more involved in the business of Electronic Warfare (EW)
- Want to shape the direction of the AOC
- Want to give back to the Organization that keeps you informed on the happenings in EW

Consider becoming a member of the AOC Windy City Chapter. For more information contact **Michael Gardner**, Elections Chair or **Sharon Lyczak**, Chapter President.

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AOC MEMBERSHIP INFORMATION

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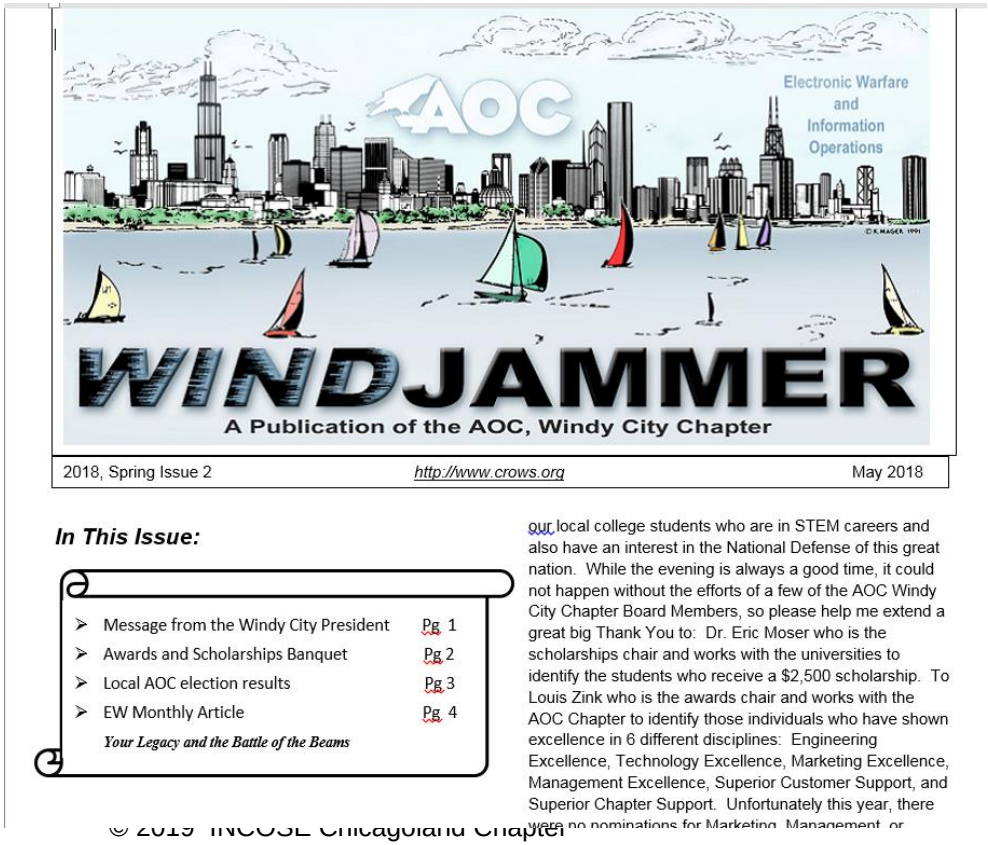
Are you getting your AOC publications?

Please make sure we have a good (preferably home) address on file for you. Send updates to Jeff Stone, Jeffrey.stone@ngc.com



AOC
Electronic Warfare and Information Operations

WINDJAMMER

A Publication of the AOC, Windy City Chapter

2018, Spring Issue 2 | http://www.crows.org | May 2018

In This Issue:

- Message from the Windy City President Pg 1
- Awards and Scholarships Banquet Pg 2
- Local AOC election results Pg 3
- EW Monthly Article Pg 4

Your Legacy and the Battle of the Beams

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 not happen without the efforts of a few of the AOC Windy City Chapter Board Members, so please help me extend a great big Thank You to: Dr. Eric Moser who is the scholarships chair and works with the universities to identify the students who receive a $2,500 scholarship. To Louis Zink who is the awards chair and works with the AOC Chapter to identify those individuals who have shown excellence in 6 different disciplines: Engineering Excellence, Technology Excellence, Marketing Excellence, Management Excellence, Superior Customer Support, and Superior Chapter Support. Unfortunately this year, there were no nominations for Marketing, Management, or

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www.crows.org

JED

JUNE 2018
Vol. 41, No. 6

The Journal of Electronic Defense

GaN Emerges from its Adolescence

Also in this issue:
Thinking Through Collaborative EW – Part 2
Survey: Power Amplifiers
EW 101: Upgrades to Shorter-Range Missiles
2018 AOC Election Guide

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Not a AOC member yet?

AOC

WINDY CITY CHAPTER MEMBERSHIP APPLICATION

FIRST	*INT.*	*LAST*	*RANK/TITLE*
MAILING ADDRESS:			**Mail Stop:**
CITY	*STATE*	*ZIP CODE*	*COUNTRY*
TELEPHONE		*FAX (OPTIONAL)*	
EMAIL:		*ORG #*	

PAYMENT INFORMATION (Make checks payable to: AOC Windy City Chapter)
Note-1 yr, 3yr, student, and retired fees include $5/yr local dues

____*1yr $50*	____*3yr $130*	____*LIFE $500*	____*STUDENT $20*	_____*RETIRED $20*

AOC EDUCATIONAL FOUNDATION DONATION _____

We accept cash or checks; if paying by credit card, please contact the treasurer Bob Cozzi @224-625-4522

_____*25 and under Membership Free for 3 years* _____*Date of Birth*

*Please Sign*_____ *Date*_____

Recruited By:

I. Employer Type: _____

1. Army 2. Navy 3. Coast Guard 4. Marines 5. Air Force 6. DoD Civilian 7. Government non-DoD 8. Industry 9. Education 10. Other

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Annapolis Junction Campus Intranet (MS)

[illegible]nswers

AOC Windy City Chapter (Rolling Meadows)

Apopka Campus [illegible] (MS)

Applications (Sunnyvale)

Appointments (ES)

Archibus

Artesia DMM [See Digital Media Management (DMM)]

Artesia Overview [See Digital Media Management (DMM) Overview]

Artisan User Support

Asian Pacific Professional Network - MS (APPN)

Maritime Assets - Sperry Star (Baltimore)

Marketing and Business Development

Marketing Communications (Cincinnati)

Marketing Communications (WH/SLC)

Marketing Integrated Database and Strategy (MIDAS) (Restricted Access)

MARTIS (Sunnyvale)

Matching Gifts for Education

Material Card Search Page

Material Evaluation Lab (Rolling Meadows)

Material Planning Requirements (MRP) - East

Material Planning Requirements (MRP) Council

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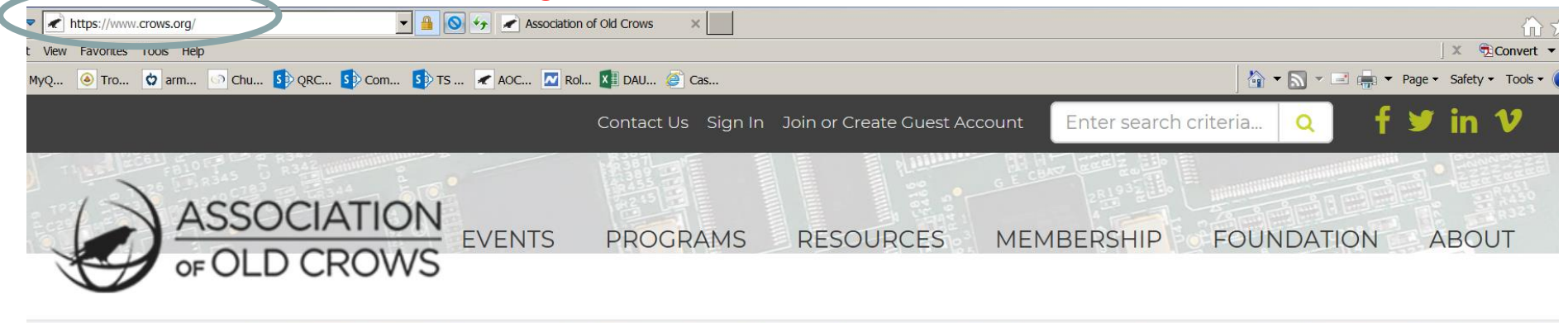

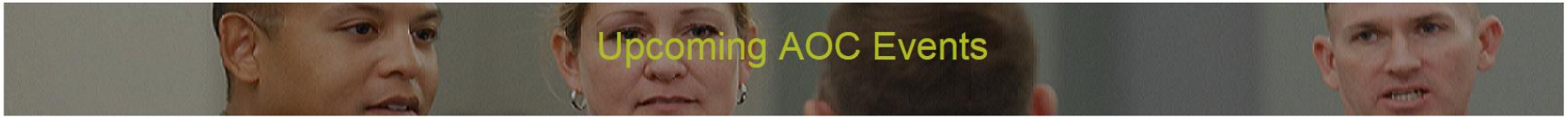

48th Annual EW Collaborative Symposium
Tue, 2 Apr 2019 13:00:00 GMT
Click here for full event information and to register....

Radar Target Recognition and Deception
Thu, 21 Mar 2019 19:00:00 GMT
Radar Target Recognition and Deception Thursday, March 21, ...

DRFM Technology and Design for Electromagnetic Maneuver Warfare
Mon, 3 Jun 2019 04:00:00 GMT
DRFM Technology and Design for Electromagnetic Maneuver War...

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SITE INTRODUCTIONS

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Introductions

Please introduce yourself (within each location):

- Name
- Title & what do you do (30 seconds)
- Company
- How long have you been a member of INCOSE or AOC?
- 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

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FEATURE PRESENTATION

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Tonight's Presentation

Speaker:

Mr. Stéphane Lacrampe

Director, ObeoSoft Canada Inc.

Topic:

"Democratizing" MBSE with the open-source tool Capella"

Capella

OPEN SOURCE SOLUTION FOR MODEL-BASED SYSTEMS ENGINEERING

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Tonight's Presentation

Speaker Biography:

Mr. Stéphane Lacrampe

Director, ObeoSoft Canada Inc.

Mr. Stéphane Lacrampe co-founded Obeo in 2005, an independent software vendor based in France that became a leading provider of open source modeling software for system and software engineers, enterprise architects and domain modeling experts. He acted as the CEO of the company for the past 12 years. He is now director of Obeo Canada and leads business development efforts in North America.

Stéphane has vast experience in business and partnership development using open source business models. He was a board director of the Eclipse Foundation for 2 years, and also managed the partnership with Thales that lead to the creation and the open-sourcing of the Sirius technology (https://www.eclipse.org/sirius). He is also actively involved in the development of the Capella MBSE tool ecosystem (https://polarsys.org/capella/). He is an INCOSE member.

[Transfer Screen to Presenter - Wait for Starting Slide, Introduce Speaker, Start recording]

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Questions and Answers?

Thanks for attending!

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