February 2019

Hello Washington Metro Area (WMA) Members! Welcome to 2019 – it certainly has been an eventful start. As your President for this year, I look forward to serving our membership with the excellent offerings our chapter is known for and improving upon our previous years. Over the course of the past 5 years, I have served in various roles on the INCOSE WMA Board which has been a great learning experience. I bring my leadership, expertise and uniqueness to continue to grow and benefit the WMA chapter. We have an excellent group of Board Members. I welcome the 2019 Board of Directors and thank each of them for willing to serve and engage. If you have not attended or engaged with INCOSE (local, national or international), I encourage you to do so. I have benefitted greatly in understanding the larger context and various perspectives of Systems Engineering (even when I did not expect it).

Throughout the year, the Board and I will plan and host the monthly dinner meetings, tutorials, certification event and other events. Communication is essential to keeping our members up-to-date so keep an eye out for direct emails to your registered email account, our Facebook page and announcements at events, in addition to this very newsletter. There is great value in networking and continued learning from the Chapter events.

Our year started with the International Workshop (IW) 2019 in Torrance, California. There was a lot to see and hear from INCOSE Working Groups and speakers. I encourage you to reach out and engage working group leaders if you would like to engage in an area of interest. I encourage you to view the IW Town Hall “FUSE-The Future of Systems Engineering” found at https://www.youtube.com/watch?v=8oymYuoxwJY. This was the largest IW ever attended. If you have a chance to attend one in the future, you will instantly become aware of the breadth in areas of interest and all the happenings within the working groups.

The Board will meet several times throughout the year, so our door is always open to your feedback and inquiries. Thank you for your membership and I encourage our members to make use of the resources available to them on the INCOSE site and through our local chapter offerings.

Thank you! Dr. Shakila Khan WMA President
Board Corner

February 2019 Membership Update

Happy New Year INCOSE WMA Members! February 5, 2019 was Chinese New Year. This year, 2019, is my, Houn Soo, second year as the Chapter Membership Chair and I thank the membership is giving me the opportunity to serve the largest INCOSE Chapter in the world.

Membership statistics for our Chapter (as of February 3, 2019) follows:

Membership is composed of new and renewed members. Our Chapter is trending on average of 874 members over the last six (6) months. We welcome new members to the Chapter and encourage WMA New Members to engage in the chapter events, discover the resources on the incose.org page available to all members including working group and publications.

Returning members are the foundation of our Chapter and we appreciate each member’s decision to renew their membership and associate to the WMA chapter.

One of the benefits of membership is the opportunity to earn Professional Development Units (PDUs). In our May 2018 newsletter, I provided information on how to record INCOSE PDUs for attendance at events sponsored by a Professional Technical Society at which the main topic on the agenda is an engineering-related presentation/exhibit/discussion within the certified professional’s area of practice. 
https://www.incose.org/certification/CertProcess/CertRenew#Activities
Many of you already know that attendance at INCOSE chapter meetings, training/tutorials and other available events may also qualify for PDU credit at other professional societies (i.e., PMI, IEEE). Your professional societies’ qualifying rules will determine eligibility.

Many of us are members of Project Management Institute (PMI). The link to the PMI Continuing Certification Requirements Handbook which provides information on qualifying PDUs is http://www.pmi.org/-/media/pmi/documents/public/pdf/certifications/cer-certification-requirements-handbook.pdf.

If you are unable to attend the monthly INCOSE WMA chapter dinner meetings, you can view monthly meetings and tutorials, as available, on the new Chapter website (https://incosewma.org/) and clicking on the “Recent Recording” tab and claim PDU credit for qualifying activities.

New INCOSE WMA Members

Let’s give a big welcome to everyone who joined the Chapter this past Fall!

<table>
<thead>
<tr>
<th>First Name</th>
<th>Family Name</th>
<th>Company</th>
<th>Join Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caleb</td>
<td>Pallaria</td>
<td></td>
<td>1/30/19</td>
</tr>
<tr>
<td>Michael</td>
<td>Lewis</td>
<td>SPAWAR Atlantic</td>
<td>1/29/19</td>
</tr>
<tr>
<td>Kimberlee</td>
<td>Malone</td>
<td>Leidos</td>
<td>1/29/19</td>
</tr>
<tr>
<td>Peter</td>
<td>Beling</td>
<td>University of Virginia</td>
<td>1/27/19</td>
</tr>
<tr>
<td>Elizabeth</td>
<td>Martin</td>
<td>Northrop Grumman Corporation</td>
<td>1/21/19</td>
</tr>
<tr>
<td>Meghan</td>
<td>Costello</td>
<td>Space and Naval Warfare Systems Command (SPAWAR)</td>
<td>1/18/19</td>
</tr>
<tr>
<td>Manuel</td>
<td>Cruz Cortes</td>
<td>Booz Allen Hamilton Inc.</td>
<td>1/17/19</td>
</tr>
<tr>
<td>Jahari</td>
<td>Mercer</td>
<td></td>
<td>1/15/19</td>
</tr>
<tr>
<td>Charles</td>
<td>Towery</td>
<td>Deloitte</td>
<td>1/14/19</td>
</tr>
<tr>
<td>Yancy</td>
<td>Jeleniewski</td>
<td>USMC</td>
<td>1/10/19</td>
</tr>
<tr>
<td>David</td>
<td>Holmes</td>
<td>CACI Inc</td>
<td>1/9/19</td>
</tr>
<tr>
<td>Ed</td>
<td>Seidewitz</td>
<td>Model Driven Solutions</td>
<td>1/9/19</td>
</tr>
<tr>
<td>Ryan</td>
<td>Forster</td>
<td></td>
<td>1/7/19</td>
</tr>
<tr>
<td>Billy</td>
<td>Short</td>
<td>Naval Postgraduate School</td>
<td>1/4/19</td>
</tr>
<tr>
<td>Emily</td>
<td>Lewis</td>
<td>MITRE Corporation, The</td>
<td>1/3/19</td>
</tr>
<tr>
<td>Kathleen</td>
<td>McLane</td>
<td>US Army Corps of Engineers (USACE)</td>
<td>1/2/19</td>
</tr>
<tr>
<td>Tim</td>
<td>Bartholomay</td>
<td>SAIC</td>
<td>12/31/18</td>
</tr>
<tr>
<td>Kevin</td>
<td>Lew</td>
<td>CNA.org</td>
<td>12/21/18</td>
</tr>
<tr>
<td>Matthew</td>
<td>Campagnola</td>
<td>Booz Allen Hamilton</td>
<td>12/19/18</td>
</tr>
<tr>
<td>Jesse</td>
<td>Ponnock</td>
<td>Cornell University</td>
<td>12/14/18</td>
</tr>
<tr>
<td>Ronald</td>
<td>Lear</td>
<td>CMMI Institute</td>
<td>12/12/18</td>
</tr>
<tr>
<td>Perry</td>
<td>Shelton</td>
<td>Avid Technology Professionals, Inc</td>
<td>12/12/18</td>
</tr>
<tr>
<td>Joshua</td>
<td>Vijayam</td>
<td>Lockheed Martin Corporation</td>
<td>12/9/18</td>
</tr>
<tr>
<td>Clara</td>
<td>Brooks</td>
<td>University of Maryland</td>
<td>12/4/18</td>
</tr>
<tr>
<td>Josiah</td>
<td>Long</td>
<td>Bechtel</td>
<td>12/1/18</td>
</tr>
<tr>
<td>Ali</td>
<td>El-Khatib</td>
<td></td>
<td>11/28/18</td>
</tr>
<tr>
<td>Robert</td>
<td>Dillow</td>
<td>Decisive Analytics Corporation</td>
<td>11/27/18</td>
</tr>
<tr>
<td>Omar</td>
<td>Misla</td>
<td>Washington Metropolitan Area Transit Authority</td>
<td>11/27/18</td>
</tr>
</tbody>
</table>
The local INCOSE WMA chapter is seeking individuals that are interested in leading a tutorial on a topic of interest in Systems Engineering. Tutorials are usually offered Saturday mornings at George Mason University, and generally last 3 - 4 hours in duration, longer if necessary. If you have material that is approved for Public Release, consider leading an INCOSE tutorial. If this of interest to you, please email tutorials@incosewma.org. Include the following in email: Name(s) of presenter(s), topic of tutorial, tutorial location (in class, online or both), preferred date to present, and the course materials (if available). No tutorials will be held in July or August.
Chapter Meetings

January Meeting

INCOSE WMA is pleased to announce the following newly elected and re-elected INCOSE WMA board members. CONGRATULATIONS!!!

Thanking Dr. Subash for his service as WMA President 2018
From left to right: Dr. Shakila Khan, Bell R., Kristina Hejna, Kathryn Laskey, William Scheible, Dr. Subash Kafle, and Roneal Josephs.

Upcoming INCOSE WMA Monthly Meetings in 2019

10 April 2019
15 May 2019
12 June 2019
SEP Paper Exam
20 Apr 2019
INCOSE and Other Systems Engineering Events

SysML – Current State and Future Directions

Object Management Group® (OMG®) invites Systems Modeling practitioners and other interested parties to attend this free meet and greet to hear about the current state and future directions for the OMG Systems Modeling Language™ (SysML®). This informal event provides an opportunity to hear and talk with experts in systems modeling and tool vendors that implement SysML on their near- and longer-term focus to advance the practice of systems modeling.

The discussion will include highlights of the most recent changes to the SysML specification which are planned to be implemented in SysML v1.6, plans for the next revision (SysML v1.7), and longer-term plans for the next generation of systems modeling (SysML v2). Get answers to your SysML questions in a relaxed social setting, which includes refreshments. This is the perfect opportunity to come and meet some of the creators and innovators supporting this most widely adopted systems modeling standard.

SPEAKERS:

Sanford Friedenthal, SAF Consulting, Chair, OMG Systems Engineering Special Interest Group
Ed Seidewitz, CTO, Model Driven Solutions, Chair of the OMG fUML and Alf Revision Task Forces, PSSM Revision Task Force, PSCS Revision Task Force, and Model Interchange Special Interest Group
Tim Welkien, CEO, oose Innovative Informatik eG, Chair, OMG SysML Revision Task Force

DATE: Monday, March 18, 2019
TIME: 5:00 pm - 7:00 pm
PLACE: Hyatt Regency Town Center, Reston, VA, USA (Hotel Info)
COST: Complimentary (Registration Required)
CONTACT: info@omg.org

CSER 2019 - 17th Annual Conference on SE Research

April 3-4, 2019 in Washington, DC

CSER focuses on theoretical work in systems engineering and its translation to practical application. The conference will include research papers, plenary speakers, panels, and interactive sessions where attendees can engage in discussions and idea generation. Since its inception, CSER has become the primary conference for disseminating systems engineering research and germinating new research ideas.

Register before March 1st to take advantage of the discounted early registration rate.

- Standard Registration
  Early Registration: $625
  March 1 and after: $675

  INCOSE Members / SERC Member University Faculty / Stevens Institute / Virginia Tech Alumni
  Early Registration: $550
  March 1 and after: $600
  Students/Active Military/Seniors -$150

Registration
The Apache Software Foundation is partnering with University and the Center for Assurance Research & Engineering (CARE) with the GMU Volgenau School of Engineering to host a 1-day Apache Roadshow event.

A Roadshow is an Apache regional event that is smaller than our annual worldwide ApacheCon events currently held in Europe and North America.

Topics include Apache & CARE Projects, Open Source Software in Government, CyberSecurity & Career Development. All of this is in conjunction with one of the very first Open Source Software Job Fairs. There is NO CHARGE TO ATTEND the career fair!

The DC Roadshow will be held at the GMU Main Fairfax Campus in Dewberry Hall within the Johnson Center.

The Call for Presentations is now CLOSED.

Date: **Monday, March 25th, 2019**

**IN PARTNERSHIP WITH:**

Volgenau School of Engineering

COST: $25 ($15 FOR STUDENTS) - REGISTER TO ATTEND

http://apachecon.com/usroadshow18/index.html
Mark your calendar! Join us for the 29th Annual INCOSE International Symposium, July 20-25th 2019!

- Engage with your colleagues from the Systems Engineering community
- Learn about state-of-the-art methods and essential skills for Systems Engineers
- Find out how people are making a difference with Systems Engineering

The theme for the INCOSE International Symposium 2019 is: System Applications for Global Challenges

INCOSE appreciates all submissions on Systems Engineering, with particular emphasis on: Developing and Evolving Complex Sociotechnical Systems

Key Dates

- Paper, Panel, Tutorial Submission - PAST
- Notification of Acceptance - 15th February 2019
- Paperless Presentation Abstract Submission - 15th February 2019
- Paperless Presentation Acceptance - 15th March 2019
- Final Paper, Panel, Tutorial Submission - 15th March 2019

Learn more about the event and submission guidelines
INCOSE WMA is pleased to announce the Systems Engineering D.C. (SEDC,) the premier Systems Engineering event in the mid-Atlantic Region! This staple of INCOSE WMA supports several functions of the WMA Chapter.

- First and foremost, it provides a platform for our members to showcase systems engineering expertise to leading edge Engineering Firms, the Department of Defense (DoD,) and other Federal and Local Government Agencies.
- Secondly it promotes the purpose and charter of INCOSE, and lastly provides the WMA Chapter with a fund-raising opportunity.

The focus of SEDC 2020 are Local, State, and Federal Government Agencies and is a traditional two-day conference with speakers, presentations, vendors booths, sponsors and social events. WMA has also sponsored INCOSE SEP exams and other SE training events during this conference. The past several events have been held at the Marriott’s Westfield’s Convention Center but WMA will gladly accept any and all location suggestions!

This is a big undertaking for WMA and as such we are asking our membership to step up and volunteer! A planning committee will be formed in next few months and will need all the support and help our members can provide.

Volunteer to be a committee member by emailing SEDC2020@incosewma.org. The first meetings will start in December.

Start planning your SE presentations NOW!

Details and pics of past SEDCs can be found here: http://www.sedcconference.org/past-events/sedc-2014/

Looking forward to seeing you at SEDC 2020!

Please email any questions, thoughts or ideas to PastPresident@incosewma.org

Remember volunteering or presenting are a great way to earn those elusive INCOSE SEP PDUs!
Other Upcoming INCOSE/Systems Engineer Events

Remember to visit the INCOSE website to check the events calendar periodically for updates on calls for papers, early-bird registrations, chapter meetings, and other news!

- 26-28, March 2019: 10th Israeli International Conference on Systems Engineering - Herzliya, Israel
- 4 April 2019: Special Tour: National Radio Astronomy Observatory Very Large Array - Magdalena, NM
- 5-6 April 2019: Socorro Systems Summit - Socorro, New Mexico
- 29 April-1 May 2019: Systems Engineering Test and Evaluation Conference (SETE19), Canberra, Australia
- 1-2 May 2019: 5th Annual Systems Engineering in Healthcare Conference, Minneapolis, MN
- 8-10 May 2019: Q2 Nordic Systems Engineering Tour - Heisinki, Stockholm, Oslo
- 19-22 May 2019: 14th Annual System of Systems Engineering Conference - Anchorage, AK
- 20-22 May 2019: Southern European Systems Engineering (SESE) Tour - Paris, Madrid, Trieste
- 20-25 July 2019: INCOSE IS 2019 - Orlando, FL
- 11-13 September 2019: INCOSE Human Systems Integration 2019 Conference - Biarritz, France
- 16-18 September 2019: Q3 Nordic Systems Engineering Tour (SESE)- Helsinki, Stockholm, Oslo
- 17-18 October 2019: Asia Oceania Systems Engineering Conference (AOSEC) - Bangalore, India
Sister Chapter Events

March 20, 2019 – INCOSE CC Monthly Meeting and Lecture

Come Join us for our March 2019 Monthly Meeting and Lecture. Anthony Millán will be talking about, "Methodology Tailoring for Development Time Optimization." The Registration Cost is for dinner only. The Lecture is open to all at no cost and begins at 7 pm.

March 18, 2019: SYSML® – Current State and Future Directions

The OMG Meet & Greet: SysML Update is a two-hour informal/social networking event for the SysML User Community which will include an approximately 30-minute presentation on the current state of SysML and future directions. Refreshments will be served. Several leading ve

April 08 – 12, 2019 Applying UPDM 2 with MagicDraw

Applying UPDM 2/DODAF/MODAF with MagicDraw is a 5-day course for Unified Profile for DoDAF and MODAF (UPDM 2). The course focuses on the implementation of UPDM 2 using core MagicDraw functionality and the MagicDraw UPDM 2 plug-in.

April 22 – 26, 2019 Applying UPDM 2 with MagicDraw

Applying UPDM 2/DODAF/MODAF with MagicDraw is a 5-day course for Unified Profile for DoDAF and MODAF (UPDM 2). The course focuses on the implementation of UPDM 2 using core MagicDraw functionality and the MagicDraw UPDM 2 plug-in.

2019 May – Preparation for Systems Engineering Certification Exam by CTI

We are pleased to announce Certification Training International (CTI) will be offering an INCOSE Systems Engineering Professional (SEP) Certification training course. The 5-day course will be held at Johns Hopkins University Applied Physics Lab, in Laurel, Maryland.
Happenings at George Mason
2nd Annual Andrew Sage Memorial Capstone Design Competition
April 29, 2019
George Mason University, Fairfax, Virginia, U.S.A

The Systems Engineering Capstone Design Competition is a student-focused international forum for the design of complex systems. The competition is a leading showcase for undergraduate and graduate (Masters) design projects, such as those from capstone design courses or from baccalaureate, honors, or design-oriented graduate theses.

Designs should demonstrate System Engineering skills and knowledge to perform all the activities associated with the “System Engineering – V.” Designs should include analysis of Context, Stakeholders, Concepts of Operations, Requirements, Design (including trade-offs of alternate designs), Implementation, Verification, Validation, and Business Plans. Where possible, model-based simulations and/or prototypes shall demonstrate the Con-Ops and be used to generate data for design trade-off analysis. Verification testing should be demonstrated. Validation testing and Business Plans are encouraged. Projects sponsored by faculty, industry, and government are encouraged.

TRACKS:
- Critical Infrastructure
- Cybersecurity
- Decision Support Systems
- Energy & Environment
- Healthcare
- Manufacturing
- Social Engineering
- Transportation & Logistics

COMPETITION SCHEDULE:
Keynote: 9am – 10am (Merten Hall 1204)
Technical Sessions: 10:30 – Noon, 1pm – 5pm (Johnson Center, room D, E, F)
Banquet & Shark Tank: 5pm – 7:30pm (Dewberry South)

CORPORATE SPONSORS:
Boeing, Booz Allen Hamilton, DCWater, General Dynamics, IBM, LMI, Metron Aviation, MITRE, Northrop Grumman, Raytheon and SEOR Advisory Board members

Corporate sponsorship is invited. Please contact Sponsorship Chair Dr. John Shortle.

For more information https://sageconference.vse.gmu.edu
Systems Engineering Certifications and Degrees

With the ever-growing challenges your clients face, keeping current with systems engineering is essential. If you believe further education will help you but not sure where to start we have compiled a list of Certifications, Masters, Doctoral Degree Programs. This list will be added to over the next several newsletters. If you wish to add a certificate or degree program please email Tom Britten (t_britten@hotmail.com)

### Professional Certificate

<table>
<thead>
<tr>
<th>Institution</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>George Mason University (GMU)</td>
<td>GMU offers a variety of graduate certificate programs related to systems engineering. For more information please see <a href="https://seor.gmu.edu/academics/graduate/graduate-certificate">https://seor.gmu.edu/academics/graduate/graduate-certificate</a></td>
</tr>
</tbody>
</table>
| Massachusetts Institute of Technology | **Architecture and systems Engineering Certificate** Architecture and Systems Engineering: Models and Methods to Manage Complex Systems is a four-course online program Courses include:  
  - Architecture of Complex Systems  
  - Models in Engineering  
  - Model-Based Systems Engineering: Documentation and Analysis  
  - Quantitative Methods in Systems Engineering |

### Master’s Degree

<table>
<thead>
<tr>
<th>Institution</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>University of Virginia</td>
<td><strong>Masters in Systems Engineering</strong> Traditional format but accommodates working professional</td>
</tr>
<tr>
<td>Worcester Polytechnic Institute</td>
<td><strong>Masters in Systems Engineering</strong> – Focused on Individuals interested in the MS program but not concerned about the length of time – Work Life Balance</td>
</tr>
<tr>
<td>University of California San Diego</td>
<td><strong>Masters in Architecture-based Enterprise Systems Engineering</strong> Online program available</td>
</tr>
<tr>
<td>George Mason University (GMU)</td>
<td><strong>Masters in Systems Engineering</strong> Focus on individuals who and interested in MS program willing to take classes year-round to complete in 18 months</td>
</tr>
<tr>
<td>Georgia Tech</td>
<td><strong>Masters in Systems Engineering (PMASE)</strong> Executive Systems Engineering Format for Working Professionals</td>
</tr>
<tr>
<td>Massachusetts Institute of Technology</td>
<td><strong>Masters in System Design and Management (SDM)</strong> Traditional offering with core and elective course. Multiple Options High – 12-month program includes thesis Low and Commuter – 21-month program.</td>
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### Doctorate

<table>
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<tr>
<th>Institution</th>
<th>Program</th>
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<tbody>
<tr>
<td>George Mason University</td>
<td><strong>Systems Engineering and Operations Research, PhD</strong> See <a href="https://seor.gmu.edu/program/view/20588">https://seor.gmu.edu/program/view/20588</a></td>
</tr>
<tr>
<td>Robert Morris University</td>
<td><strong>Doctorate of Science in Information and Systems and Communication</strong> Three-year executive doctorate program in an On-Campus cohort setting</td>
</tr>
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**SE Eminence Opportunities**

**INCOSE Technical Leadership Institute**

INCOSE Technical Leadership Institute is a development program for active INCOSE members seeking to improve their leadership skills in open, collaborative environment.

**Purpose:**
The purpose of the Institute is to accelerate the development of systems engineering leaders who will exemplify the best of INCOSE and SE profession.

**Program Overview:**
The technical leadership institute is two-year program where new cohort is formed annually. There are four events per year: two face-to-face and two webcasts. There are individual projects work between the events. Each cohort mentors the one following. The candidate for the cohort must be nominated by an INCOSE Chapter leader by submitting an application package and be recommended by their home organization.

**The Benefits:**
- Individual members will become more capable leaders within their organizations
- INCOSE will have a growing pool of capable leaders from which to draw on, filling leadership positions
- INCOSE’s international reputation will be enhanced by helping to develop systems engineering leaders of the highest caliber

INCOSE Technical Leadership Institute is accepting nominations for their new cohort that is going to kick-off summer 2018. If you have a candidate you would like to nominate, please reach out to INCOSE WMA Chapter BOD bodall@incosewma.org

**Join EWLSE!**

We invite men and women to join EWLSE to advocate for women as leaders in systems engineering. Sign-up and to be added to the email distribution list is through www.incose.org:

- Login to your member account
- Select ‘Profile Home’
- Scroll to ‘My Committees/Working Groups’ and select ‘Browse/Join a Working Group’
- Select ‘Empowering Women’ on the right
- Scroll down to Committee Tasks and select ‘Join this Working Group’
- You will now also have access to the Empowering Women area on INCOSE Connect
Chapter Meetings and Tutorials, Volunteer Opportunities

Please keep checking our Website incosewma.org and subscribe, if not already, to our email (http://www.incosewma.org/subscribe/) to get updates about the Chapter and its happenings!

2019 March Monthly Meeting

Building Trust

Trust allows us to conduct transactions with strangers. Blockchain implements trust with encryption. You will learn how trust gets built in technical terms, for building secure transactions and records systems. You will also learn some of the issues to be overcome.

Date: March 13, 2019

Time: 6-8PM

Kristine Hejna likes to study. She has majored in Math and also as an MBA. That has led her to work, study and certifications. Some of her certification include CSEP, PMP, CISSP, CSSMBB, ITIL.

With this presentation, she would like to share what she learns and encourage critical thinking.

Hosted by INCOSE WMA

Wednesday, March 13, 2019

Cost: $0

Time: 6 pm – 8 pm

Main Location: MITRE Building 2, Room 1N100, in McLean, VA; parking available in parking lot in the front of the venue

Direction & Parking Details

Dinner will be provided, so please plan on attending and meeting with your fellow WMA chapter members. Parking is free or you can walk one block to MITRE from the McLean Metro Station.

As is our new policy, there is no charge for attending the meeting, but you are asked to please register (on the web site) so we can get the catering correct.

MITRE 2 Building
7515 Colshire Drive
Room 1N100
Mclean, VA 22102-7539

Noblis - L'Enfant Plaza Office - Southeast
500 L'Enfant Plaza, S.W.
Suite 900
Washington, DC 20024
STEM Volunteer Opportunities

Interested in STEM? Join the INCOSE STEM Committee. We are charged with advocating STEM programming across the Washington Metro Area. To apply for membership, click the following URL: https://groups.google.com/forum/#!forum/incose-wma-stem-wg

Our vision:

Science, Technology, Engineering, and Mathematics (STEM) are at the cornerstone of being a consummate system engineer and are vital to our future. In a world that is becoming increasingly complex, it is often through practicing STEM professionals we are able to move the needle on invention and innovation for the better good of all society. All young people should be able to think critically and reason deeply so that they have the opportunity to become scientists, innovators, educators, and researchers solving current and to-be discovered global challenges. INCOSE’s mission is to “share, promote and advance the best of systems engineering from across the globe for the benefit of humanity and the planet.” The best way to share, promote, and advance the SE practice is through the enablement of our future leaders, equipping them today with the skills and ability to tackle our toughest global problems of tomorrow. INCOSE WMA will be standing up a STEM working group whose purpose is to address the very issues identified above and instill the strategic long term ‘systems’ thinking in our young leaders. Please join our Google group for more information.
Get Connected with WMA

Social Media

LinkedIn Groups
INCOSE's Certification Program Office oversees three groups on LinkedIn: INCOSE SEPs, the Official Interest Group is open to all INCOSE SEP, the Official Group for Systems Engineering Professionals is limited to those individuals who are already ASEPs, CSEPs, or ESEPs. INCOSE ESEP, the Official Group is limited to those individuals who are already ESEPs.

Official Twitter Account for INCOSE WMA: https://twitter.com/incosewma
Official Facebook: https://www.facebook.com/incosewma/

Contact Us
General Inquiries - info@incosewma.org

INCOSE WMA Board of Directors

President - President@incosewma.org
Dr. Shakila Khan

VP/President-Elect - Presidentelect@incosewma.org
Kristine Hejna

Past-President - Pastpresident@incosewma.org
Dr. Subash Kafle

Secretary - Secretary@incosewma.org
Dr. Kathryn Laskey

Treasurer - Treasurer@incosewma.org
Brian Massa

Program Chair - Programs@incosewma.org
Ruchira Puri

Tutorials Chair - Tutorials@incosewma.org
Roneal Josephs

Communications Chair - Communications@incosewma.org
Aujchariya (Bell) Rueangvivatanakij

Directors-at-Large - Directors@incosewma.org
William Scheible

Membership Chair
Dr. Houn Soo

Ambassador Committee
David Beck

STEM Committee
Marshai McIntyre

Social Media Chair
Alicia Suchicital

Newsletter
Tom Britten

Student Chapters
George Mason University
Christopher F. Pertsch

George Washington University
Alyson Fintzy - INCOSEGWU@gmail.com