



Chapter News

February 2024

Welcome to February 2024. Here is what is happening with the North Texas INCOSE Chapter...

CHAPTER SPONSORED EVENT

The North Texas Chapter of INCOSE is excited to be a sponsor at the 2024 MBSE Cyber Systems Symposium.

Registration is open for MCSS 2024! Secure your Early Bird rate now!



The 2024 MBSE Cyber Systems Symposium registration is now open! Attendance this year is limited to 600 – first come, first served.

We invite you register early to get our Early Bird Discount offer:

\$150 discount, and a free gift to pick up when you check in onsite.

(Early Bird Discount expires at midnight CST on February 28, 2024)

North Texas Chapter Members: Check your email for bonus information!

We are looking forward to hosting an SEP exam this year. Sign up through INCOSE and reserve your spot today!

To register (instructions also attached):

1. Log in to <https://portal.incose.org>
2. Click on "Certifications" in the menu banner
3. Select "Register for an Exam"
4. Click on tile for appropriate exam.
5. Click on hyperlink for "Registration" and follow the prompts to complete registration.
 1. Or click on one of the links below after logging into the portal:
<https://portal.incose.org/integratedEvents/home/16-MAY-2024-MBSE-CYBER-SYSTEMS-SYMPOSIUM-EXAM>

Notes from the conference:

For 2024 we are offering twelve trainings for you to choose between. Seats are limited, so hurry to sign up as part of your registration!

This year for the first time, the Community of Experts of Dassault Systèmes Solutions (COE) will join us this May in Dallas, Texas to conduct their event in parallel with ours. The 2024 MBSE Cyber Systems Symposium and the COExperience 2024 will collocate at the Sheraton Dallas Hotel between May 13-16, 2024.

The two events will each offer separate registration for their event. Each event registration will give attendees access to a shared keynote session and evening networking events.

We are looking forward to seeing you in Dallas!

Join Us for this months Chapter Meeting!

Chapter Meeting February 20, 2024 **(Note the date change due to the holiday)**

Join us online: [INCOSE NORTH TEXAS CHAPTER MEETING](#)

This Month's Presentation

Presenter: Dr. Carla Sayan



Title: Architecting a Purpose-Driven Roadmap for Impactful Digital Transformation

Abstract: The Aerospace and Defense Industry is currently undergoing a paradigm shift recognized as digital transformation or digital engineering. Despite its prevalence and being introduced with considerable interest, the precise objectives of this paradigm shift remain elusive from other branches of engineering, fostering diverse interpretations within the industry's landscape. The paper begins by addressing the fundamental question: what exactly are digital transformation and digital engineering? We then explore whether this concept encompasses the widespread adoption of model-based systems engineering (MBSE), Model-Based Design (MBD) and others. Our inquiry extends to examining how these MB-X methodologies reshape traditional engineering practices, and whether digital engineering transcends beyond the realms of MBSE and MBD to include broader technological, procedural and organizational changes. We will explore whether digital is simply a progressive refinement of longstanding practices on what the hardware (electrical and mechanical) discipline has already proven for decades; that prioritizing modeling and simulation before producing HW can yield an improvement in the development life cycle. This paper aims to define a purpose for digital engineering and outline a roadmap forward for the evolution of digital engineering as a core practice.

Bio: Carla Sayan Ph.D. is an Associate Director for Systems Engineering at a Government Contractor. She is an inventor, author and has 18+ years of extensive knowledge and industry experience in various domain areas: Sensors and Effectors, Multi-Function RF Systems, Counter Unmanned Aircraft Systems, Systems of Systems Architectures and Embedded Systems Integrity. She is responsible for Company Wide Transformations implementing Digital, Model Based X initiatives and Agile across Franchise Level Programs. Carla holds a Ph.D. in Electrical and Computer Engineering from the University of Arizona and is a member of INCOSE, IEEE and SHPE.

Next Month's Presentation

Join us in March for our next speaker: Dr. Tina P Srivastava will be presenting

Meeting March 12, 2024, 5:30-7:00pm

Bio: Dr. Tina P. Srivastava served on the board of directors of the International Council on Systems Engineering (INCOSE) and received the Inaugural David Wright Leadership Award for technical and interpersonal competencies in the practice of system engineering as a means for solving the great challenges of our planet. She is a lecturer at MIT in the areas of aerodynamics, aviation, complex systems, and technology road mapping and selection. She is also the author of the book *Innovating in a Secret World*. Dr. Srivastava cochairs the Program Management (PM) — Systems Engineering (SE) Integration Working Group, which received the Working Group Award at INCOSE in 2022. Dr. Srivastava is one of the authors and editors of the book *Integrating Program Management and Systems Engineering*, a joint product of PMI, INCOSE, and MIT. As an innovator, entrepreneur and technology expert, Dr. Srivastava's experience spans roles as chief engineer of electronic warfare programs at Raytheon to cofounder of a venture-backed security startup. She is an FAA-certified pilot and instructor of MIT's Pilot Ground School course. Dr. Srivastava earned her Ph.D. in strategy, innovation, and engineering, a master's in system design and management, and a bachelors in aeronautics and astronautics, all from MIT.



- CHECK US OUT ON LINKEDIN! Join the [INCOSE- North Texas Regional Chapter](#) LinkedIn Group. Stay up to date on chapter events, opportunities and the Systems Engineering world.



- Potential NTX Chapter member presenters

Chapter members, we are looking for interested individuals to speak to the NTX chapter in 2024. If you are interested, please email us at ntxinfo@incose.net to express your interest and we will provide you all

available dates (no worries, you will have ample time to prepare). This opportunity can get you PDU points toward your INCOSE certification and help the NTX Chapter achieve Gold Circle status!

WELCOME NEW MEMBERS

Robert Last – CACI
Michael Walters – Lockheed
Cody Syndor – Lockheed
Eric Loera – Embry Riddle
Luis Fregoso
Jesus Aldape – UT Dallas
Wailmond Ng - Boeing
Tate Worthley

INCOSE Membership Autorenewal

NTX Team, there is a great opportunity to auto-Renew your INCOSE membership. If you are interested, navigate to the INCOSE.org page in the Profile Home section, select in the Membership tab, below my membership there is a link that will lead you to your billing information to make a the selection to auto renew your membership.

If you would like to become a member or need to renew your membership, visit the [INCOSE membership page](http://www.incose.org/about/Membership) (<http://www.incose.org/about/Membership>). After becoming a member, watch for new member emails and join the monthly new member café's.



Congratulations to the newest SEPs in North Texas

- Let us know if you've been certified at ntxinfo@incose.net

Shout out to your community work in North Texas

- Let us know what you are up to - send your community involvement to ntxinfo@incose.net

If you have published an article or plan to give a presentation, we encourage you to share the news. Send a summary of it to Danyel at ntxinfo@incose.net and we will include it in the newsletter.

Upcoming Events

INCOSE Events:

Feb 11 - INCOSE CANADA: Leveraging AI in Systems Engineering, [Link to Event](#)

Feb 14 - INCOSE Enchantment: A Bridge Blueprint to Span the Chasm Between Research and Engineering, [Link to Event](#)

Feb 15 - INCOSE Huntsville: An In-Depth Study of Use Case Methods, Styles, and Best Practices, [Link to Event](#)

Local Events:

MCSS - MBSE Cyber Systems Symposium May 13-16 Downtown, Dallas [MCSS 2024 - MBSE Cyber Systems Symposium \(3ds.com\)](#)

Let us know of anything coming up by sending a note to ntxinfo@incose.net

Ambassadors

If you would like to promote the chapter and host meetings at your facility, contact Seth Sherman at ntxinfo@incose.net to volunteer as an Ambassador and you will be provided with orientation material.

POCs and Locations are:

- Monique Jobe, CAE - Arlington
- Jennifer Key, Lockheed Martin MFC - Grand Prairie
- Wesley Simon, Lockheed Martin MFC – Grand Prairie
- Justin C' de Baca, Lockheed Martin - Fort Worth
- Jerome Forbes, Raytheon - McKinney
- Geordan Koenigs, Raytheon - McKinney
- Leejo George, Collins - Richardson

Don't see your facility on the list? If you would like to host a meeting, let us know at ntxinfo@incose.net.

Chapter Resources

- **PDU Information:** INCOSE Systems Engineering Professionals (SEPs) should be tracking their professional development activities throughout their certification period. They should keep a log of these activities and additional supporting information in case they are audited. Upon completion of certification or renewal, SEPs should download the latest forms to assist with their next renewal activity.

More information available at: [Renewing Certification \(incose.org\)](https://www.incose.org/renewing-certification)

- **2035 System Engineering Vision available (free resource!)**

This Vision was sponsored by INCOSE and produced by a team of leaders from the systems community, with inputs from across industry, academia, and government. The Systems Engineering Vision 2035 addresses:

- The Global Context for Systems Engineering
- The Current State of Systems Engineering
- The Future State of Systems Engineering
- Realizing the Vision

Available at <https://www.incose.org/about-systems-engineering/se-vision-2035>

- **The NTX Chapter Yammer site.** - Now called Viva Engage!

Use your member's Incose.buzz email address to access the site. Yammer can be used to have announcements, discussions, ask questions, and conduct basic polls. We welcome you to join us in any of the discussions there. https://www.yammer.com/incose2.onmicrosoft.com/#/threads/inGroup?type=in_group&feedId=62479065088&view=all. A few of you have incose.net accounts while the majority of our members received incose.buzz accounts. Check your email for the invitation to Yammer with your user name and password. People with incose.net accounts should log into office 365 and then go to Yammer. People with incose.buzz accounts should go straight to Yammer.

- **(Volunteers Needed)** Let us know if you are interested in becoming a NTX Yammer contributor to help promote Yammer by interaction through comments or briefing on INCOSE products. Other items of interest we would like to include are recaps of chapter meetings and op-eds on your experiences with INCOSE. If interested, please contact the Board at ntxinfo@incose.net.

- **Systems Engineering Tools Database (SETDB):**

In collaboration with Project Performance International (PPI), the INCOSE SETDB WG provides the Systems Engineering Tools Database (SETDB) for INCOSE and PPI members and stakeholders to assist with systems engineering tool searching and information collection.

The SETDB Working Group products are available on the SETDB YAMMER site and are available for all INCOSE members. They are not official INCOSE products, they are INCOSE Working Group products.

The SETDB Public Website is available at [this link](#) and a link to the SETDB is available on this web page

A SETDB link is also available on the INCOSE Website Landing page, and you can reach it directly at: www.systemsengineeringtools.com

- **INCOSE SEP Certification & Exam info videos!**

INCOSE has posted a series of one minute long videos on their YouTube Channel:

- **Intro to certification:** <https://www.incose.org/systems-engineering-certification/>
- **Computer Exam Step 1** – schedule the exam: https://youtu.be/9_mivBiwkPo
- **Computer Exam Step 2** - <https://youtu.be/L1myzH9vEEk>
- **Computer Exam Step 3** - <https://youtu.be/OTRmwz-bALs>

Board Meeting Minutes

Attendees:

- President – Dawn Handley (Present)
- President-Elect – Seth Sherman (Present)
- Vice President of Chapter Development – Seth Sherman (Present)
- Director of Technical Development – Kelly D Nichols (Not-Present)
- Treasurer – Michelle Maddox (Present)
- Director of Information – Danyel Fiet (Present)
- Past President – Anthony Williams (Present)
- Director at Large – Sarena Gazic (Present)
- Director at Large/Ambassador – Jerome Forbes (Present)
- Ambassador – Justin C' de Baca (Not-Present)
- Ambassador – Jennifer Key (Present)

Minutes from the 6 Feb 2024 Board Meeting:

The board reviewed the 2024 plan for the NTX INCOSE Chapter. Highlights and changes from previous years:

- The chapter will provide technical and social program activities pending availability of volunteer support. These plans align with the objectives and goals in section 1.4 of the Strategic Plan.
 - The chapter will sponsor a SEP exam in conjunction with the 2024 MBSE Cyber System Symposium in Dallas.
 - The chapter may also host two more paper exams in collaboration with Southern Methodist University the second half of the year.
 - The chapter plans to host an MBSE Tutorial with a guest instructor from Studio SE.

- The chapter plans to work with a local CAB company, Lockheed Martin, and Southern Methodist University to train individuals for the SEP exam and promote training material.
- The chapter plans to expand its network of CAB relationships, including local company Raytheon and CAE.
- The chapter plans to arrange two tours for INCOSE NTX members to WabTec and Peterbilt-mid-late summer 2023.
- The chapter plans to reinstate budget for assistance with in person meetings at ambassador sites for the monthly chapter meetings
- The chapter plans to hold two in person meetings for the Chapter - one in Dallas and one in Fort Worth during the year

The completed plan will be made available to the chapter and will be presented at a chapter meeting.

Feel free to forward this email to others.

If you would like to unsubscribe from these emails, log into your INCOSE account and update your profile settings to opt out of emails and let us know by emailing us to ntxinfo@incose.net.

If you had this email forwarded to you and would like to become a member of the Chapter, log into your INCOSE account and update your profile to add the North Texas Chapter. If you are already a member of the chapter and did not receive the email directly, you may need to update your profile to opt in to emails.

If you aren't a member and want to be added to our email list contact us at ntxinfo@incose.net.

Warm Regards,

President – Dawn Handley
President-Elect – Seth Sherman
Vice President of Chapter Development – Seth Sherman
Director of Technical Development – Kelly D Nichols
Treasurer – Michelle Maddox
Director of Information – Danyel Fiet
Past President – Anthony Williams
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