INCOSE - NORTH TEXAS CHAPTER

Newsletter

INCOSE North Texas Chapter is here to serve the North Texas Community and surrounding areas, including parts of Oklahoma. Whether you live here or just like the chapter, all are welcome to join us.

Chapter News

March 2025

Joint Event with SAE - Frontiers of Flight Museum

Thanks for joining us at this great event. It is always a pleasure to join up with other professional organizations and network with other professionals.

INCOSE North Texas Chapter sponsoring MBSE Cyber Systems Symposium 2025

April 7-10, 2025 in Reno, NV.

- In partnership with Dassault, North Texas INCOSE has been asked to continue our support of the conference in the new location.

- INCOSE NTX will have a booth and proctor a paper exam at the conference.

- You must be signed up for the conference to take this exam.

- There is a special discount code to the conference for being a NTX chapter member - if you are new to the chapter, send us an email and we'll get the code to you.

- Main Website: https://mbsecyberexperience.3ds.com/mcss2025/

MCSS 2025 - MBSE Cyber Systems Symposium

MBSE/SysML, PLM, PLE,...

mbsecyberexperience.3ds.com

Want to help out the chapter?

Earn some volunteer hours or SEP PDUs - Help is needed to create update SEP exam training material based off SE Handbook v5. If interested in helping, reach out to Long Dong at long.s.dong@lmco.com.

If you like to write and would like to submit articles to the INCOSE newsletter, we would love to hear from you! Contact us at ntxinfo@incose.net and let's get the articles started.

Do you like Free Stuff?

Each month's chapter meeting attendance record will be used to create drawing entries. At the end of each quarter a drawing will be held for INCOSE swag from the INCOSE Merchandise Store, value up to $35 dollars. Join the monthly meetings get entries, up to 3 entries per quarter.

INCOSE Promotion and Merchandise

Embolden Branding's INCOSE store has a variety of products you can order and ship to your desired location. Products you can order with…

INCOSE

Presenting at a conference this year? Let us know

Email ntxinfo@incose.net with where you are presenting and what your topic is. If you are passionate about it, let us know if you would like to present it at a chapter meeting.

Coming soon to an email near you - Chapter Survey! Help us know what you want out your local INCOSE chapter.

Join Us for this months Chapter Meeting!

Chapter Meeting Mar 11, 2025 5:30-7pm CST

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

This Month's Presentation

Presenter: Saulius Pavalkis

Topic: Digital Engineering and MBSE with Virtual Twins: Streamlining Robotic Arm Design and Deployment

Abstract: Join us for the presentation of the best-in-class Digital Engineering (DE) with MBSE and Virtual Twin example in context of portable Robotic Arm. This example shows the practical impact of systems engineering across the entire product lifecycle. We will engage in fully integrated system - the Robotic Arm. We will experience the intersection of engineering disciplines: systems engineering, electrical and mechanical design, manufacturing, implementation, and verification & validation (V&V). This is done through the digital thread and co-simulation using solutions as CATIA Magic (Cameo), 3DEXPERIENCE platform, 3RD party integrations leveraging open standard including SysML, Modelica, IoT – MQTT, FMI, and AI.

We will provide clear models, a virtual environment for the digital thread, and physical hardware to bridge the virtual with the real. It is a compact modular sample highlighting a major paradigm in digital engineering education and industry. The project includes a highly portable robotic arm. It comes in a small box and is affordable at $65 on Amazon.

Next Month's Presentation

Join us in April for our next speaker: Jim Smith

Topic: Successful Technical Reviews with your Customer

Abstract: Many programs and organizations have a difficult time preparing for, and executing, technical reviews with their customer. There are many potential reasons for this; misunderstanding the technical entry/exit criteria for the review, poor preparation, incomplete definition of customer's needs, and lack of fundamental presentation skills are some of the commonly observed errors. This one-hour talk will present the commonly used DoD technical reviews standards (ISO/IEC/IEEE 15288.2 "IEEE Standard for Technical Reviews and Audits on Defense Programs", NAVAIR's "Systems Engineering Technical Reviews Guidebook", and the DoD "Systems Engineering Guidebook"), and leverage extensive lessons learned from years of preparing for, and executing, technical reviews for a variety of customers. These lessons learned and approaches include:

- Successful review preparation
- Defining entry/exit criteria and related engineering artifacts
- Obtaining customer concurrence on review approach
- Fundamental presentation skills; not too much detail, not too little
- Defining the review "value proposition"; what do YOU want from the review?
- Typical DoD review entry/exit criteria across the defense life cycle

Meeting Apr 8, 2025, 5:30-7:00pm

- 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 Platinum Circle status!

WELCOME NEW MEMBERS

Family Name	First Name	Company
Barreto Fernandez	Martin	
Ham	Darin	University of Maryland Global Campus
Johnson	Robert	RTX/Collins Aerospace
Muehlstein	Blake	Ford Motor Company
Navarro	Nicholas	BAE Systems
Phillips	Lauren	Lockheed Martin
Phillips	Michael	Bell Flight
Wilson	Jason	Dassault Systemes CATIA No Magic

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 the 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). 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

Martin Barreto Fernandez, ASEP

Nicholas Navarro, ASEP

- 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:

Mar 11, 2025 - INCOSE North Texas Meeting: Saulius Pavalkis

April 8, 2025 - INCOSE North Texas Meeting: Jim Smith

IS 2025 - July 26-31, 2025

Chapter Events:

April 7-10, 2025 - MBSE Cyber Systems Symposium

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
- Wesley Simon, Lockheed Martin MFC – Grand Prairie
- Justin C' de Baca, Lockheed Martin - Fort Worth
- Joel Collins, Lockheed Martin - Fort Worth
- Geordan Koenigs, Raytheon - McKinney

- Leejo George, Collins - Richardson
- Sean Densford, Dassault

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)

- **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 though 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/0TRmwz-bALs

Board Meeting Minutes

Attendees:

President – Seth Sherman (Present)

President-Elect – Reza Rahdar (Present)

Vice President of Chapter Development – Reza Rahdar (Present)

Vice President of Technical Development – Jennifer Key (Present)

Treasurer – Michelle Maddox (Present)

Director of Information – Danyel Fiet (Present)

Past President – Dawn Handley (Present)

Director at Large – Sarena Gazic (Present)

Director at Large – Jerome Forbes (Not-Present)

Ambassador – Justin C' de Baca (Not-Present)

Ambassador – Leejo (Not-Present)

Ambassador – Joel Collins (Not-Present)

Minutes from the 4 Mar 2025 Board Meeting:

Board Meeting:

- Review officer training that needs to be completed
- Discuss quarterly give aways for chapter
- Remind the board to sign off on the annual plan
- SEP Prep Course Planning
- Circle award updates from Dawn
- Discussed tutorials dates for this year
- Plan for booth stock exchange between Seth and Danyel
  - Danyel to ship to MCSS conference
- Votes:
  - Give aways quarterly for chapter meeting attendance - voted yes

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 – Seth Sherman

    President-Elect – Reza Rahdar

    Vice President of Chapter Development – Reza Rahdar

    Vice President of Technical Development – Jennifer Key

    Treasurer – Michelle Maddox

    Director of Information – Danyel Fiet

    Past President – Dawn Handley

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