

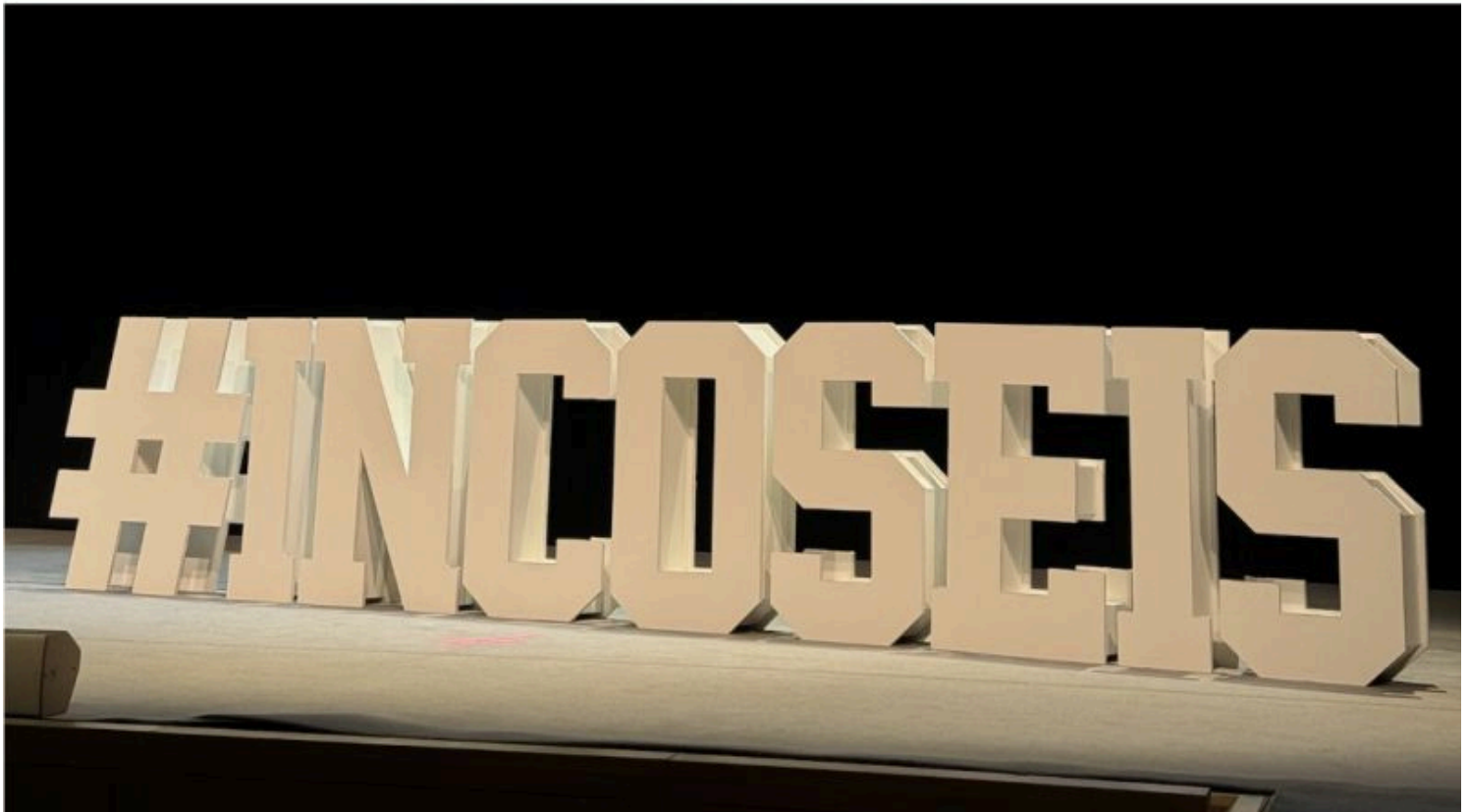


Chapter News

July 2024

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

The INCOSE International Symposium 2024 was a great success. Here's to IS 2025.



Chapter Hosted SEP Exam

The chapter is excited to offer two more opportunities to take a paper based SEP exam this year. Fall offerings are

September 14, 2024, 8am-12pm CST, at SMU

October 12, 2024, 8am-12pm CST, at SMU

The SEP Exam Prep Course is a great way to get ready for this exam!

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.

Or click on the link below after logging into the portal:

1. Sept Option: <https://portal.incose.org/integratedEvents/home/14-SEPTEMBER-2024-KNOWLEDGE-EXAM-AT-SMU>
2. Oct Option: <https://portal.incose.org/integratedEvents/home/12-OCTOBER-2024-KNOWLEDGE-PAPER-EXAM-AT-SMU>

Want to help out the chapter?

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.

Join Us for this months Chapter Meeting!

Chapter Meeting July 09, 2024 5:30-7pm CST

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

This Month's Presentation

Presenter: Matthew Hause

TITLE: Darth Vader's Secret Weapon: Implementing Mission Engineering with UAF

ABSTRACT: Mission Engineering (ME) is often misunderstood. This paper will explore modeling features and constructs that will enable ME. The proposed extensions for UAF include Missions, Mission Phases, Mission Thread, ME Thread, measures, additional attributes/stereotypes to differentiate between enemy/friendly/neutral forces, provenance/confidence of enemy resources, etc. We will also cover compatibility with the Model-Based Acquisition (MBAcq) approach, recent initiatives from the Office of the Assistant Secretary of Defense for Mission Capabilities, Enterprise Systems Engineering (ESE) process and methods, detailed resource engagement, use of SysML, etc. We created a prototype model using the Battle of Hoth from Star Wars as a proof of concept for these modeling extensions and used the process and mission engineering concepts defined in the Mission Engineering Guide

(MEG). This presentation will cut through the confusion like a light saber to help attendees become Jedi Masters in ME.

BIO: Matthew Hause is an SSI Principal and MBSE Technical Specialist, a former PTC Fellow, a co-chair of the UAF group and a member of the OMG SysML specification team. He has been developing multi-national complex systems for over 45 years in the USA, Europe (25 years), Australia, and throughout the world. as a systems and software engineer. He started out working in the power systems industry and has been involved in military command and control systems, process control, manufacturing, factory automation, communications, SCADA, distributed control, office automation and many other areas of technical and real-time systems. His roles have varied from project manager to developer. His role at SSI includes mentoring, sales presentations, standards development, presentations at conferences, specification of the UAF profile and developing and presenting training courses. He has authored over 100 technical papers, articles, and conference presentations on architectural modeling, project management, systems engineering, model-based engineering, human factors, safety critical systems development, mission engineering, virtual team management, product line engineering, systems of systems, systems and software development with UML, SysML and Architectural Frameworks such as UAF, DoDAF and MODAF. He has been a regular presenter at INCOSE, NDIA, the IEEE, BCS, the IET, the OMG, AIAA, DoD Enterprise Architecture, Embedded Systems Conference, and many other conferences. He is also a proud recipient of the INCOSE MBSE Propeller Hat Award.

Next Month's Presentation

Join us in August for our next speaker: Daniel Hettema, Director of Digital Engineering, Model and Simulation (DEM&S)

ABSTRACT: In a presentation titled, "A Celebrating Digital Engineering Wins," Mr. Daniel Hettema, Director of Digital Engineering, Modeling & Simulation (DEM&S), will describe how DEM&S and the Department is moving the Digital Engineering (DE) needle forward. This includes addressing challenges in transitioning to full digital implementation with the Defense Industrial Base. By recognizing and celebrating small wins, DEM&S aims to foster organizational change that will accelerate DE acquisition, delivering more effective solutions to the warfighter. In his presentation, Mr. Hettema will challenge attendees to take on the role of change managers to meet key initiatives in progress. The session will pinpoint critical transition points for analysis and operational efficiency, as well as identify potential gaps for future needs. To leverage the benefits of DE processes and tools for optimizing designs in the virtual world, each Service has developed implementation plans to realize the focus areas outlined in the National Defense Science and Technology Strategy (NDS).

Meeting August 13, 2024, 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

Wanzhan	Liu	Alcon
Ryan	Xu	
Adrian	Boysselle	
Modestas	Mikuckas	Dassault Systemes, UAB
Petras	Litvinas	Dassault Systemes, UAB
Manasvi	Kanneganti	Southern Methodist University
Ethan	Rainsburg	Lockheed Martin

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>). 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

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

Shout out to your community work in North Texas

- Shout out to the participants of the 2024 INCOSE International Symposium!
- 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:

Sept 10, 2024 - INCOSE North Texas Meeting: Steve Records presenting Future of INCOSE

September 19-21, 2024 - [2024 Annual INCOSE Western States Regional Conference \(WSRC\)](#)

Oct 8, 2024 - INCOSE North Texas Meeting: Ryan Noguchi presenting Managing Technical Debt in Models

Local Events:

[IEEE MetroCon 2024 – November 14th, 2024 | Hurst Conference Center](#), Michelle Maddox from NTX
INCOSE Sponsoring Systems Engineering Track - November 14, 2024

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
- 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 Inco.se.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 – Geordan Koenigs (Present)
Treasurer – Michelle Maddox (Present)
Director of Information – Danyel Fiet (Present)
Past President – Anthony Williams (Not - Present)
Director at Large – Sarena Gazic (Present)
Director at Large – Jerome Forbes (Present)
Ambassador – Justin C' de Baca (Not-Present)
Ambassador – Jennifer Key (Not-Present)
Ambassador – Monique Jobe (Not-Present)

Minutes from the 2 July 2024 Board Meeting:

Board Meeting:

1. No votes taken

Vote 1: To Co-sponsor Texas Autocross Weekend 2023 Summary on Oct 11-12, 2024

Yes Jerome

Yes Seth

Yes Geordan

Yes Danyel

Yes Dawn

Vote 2: To pay half on Food up to \$500 for Texas Autocross Weekend 2023 Oct 11-12, 2024

Yes Jerome

Yes Seth

Yes Geordan

Yes Danyel

Yes Dawn

Vote 3: Tour at McKinney Raytheon Site

- Yes Danyel
- Yes Geordan
- Yes Sarena
- Yes Dawn
- Yes Jerome
- Yes Seth

Vote 4: Petersbuilt Tour

- Yes Danyel
- Yes Geordan
- Yes Sarena
- Yes Dawn
- Yes Jerome
- Yes Seth

- 1.
2. Forward Looking:
 - a. September - Investigating Tour
 - b. October - MBSE Tutorial with Studio SE
 - c. November - End of Year Event
3. INCOSE NTX Teaming Pursuits
 - a. Joint event with SAE Fort Worth

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 – Geordan Koenigs

Treasurer – Michelle Maddox

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Past President – Anthony Williams

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