



Chapter News

November 2024

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

INCOSE NTX Supporting Texas Autocross Weekend, joint with SAE and Dassault Systems

This was a fun, collaborative, joint event with SAE and Dassault! We talked to a lot of students and advisors, learned a lot about the history of SAE Autocross and are looking forward to the growth of these students.



There were 22 teams with 40 FSAE cars attending with a total of 460 students and sponsors registered. They are UTA with 45 students and 11 cars, FSAE Judges with 4 folks and one car, UT Old Guys with 5 members and two cars, UT Austin IC with 19 students and one car, UT Austin EV with 10 students and one car, A&M Old Guys with 21 members and 5 cars, A&M EV with 24 students and one car, A&M IC with 25 students and one car, OSU with

26 students and 1 car, LSU with 21 students and 2 cars, UNT with 43 students and 1 car, UNT Old Guys with 2 members and 1 car, TTU with 27 students and 3 cars, Mizzou with 16 students and 3 cars (1 EV), UTSA with 21 students and 1 car, UTD with 48 students and 1 car, OU with 20 students and 1 car, UH with 19 students and 1 car, and MSU with 15 students and 1 car, This is by far the biggest Texas Autocross Weekend ever.

Below are panoramic photos of all cars and teams in attendance. Photo credit to UTA's Herschel Heath.



Panoramic photo row 1, all UTA



Panoramic photo row 2



Panoramic photo row 3

INCOSE NTX Supporting Event METROCON 2024, Sponsoring a table - November 14

[IEEE MetroCon 2024](#) will be held at the Hurst Convention Center on November 14, 2024. The conference is hosted by the IEEE Fort Worth Chapter. MetroCon offers nine unique tracks and over 40 presentations on the latest technologies!

MetroCon Tracks

1. [Developing and Deploying Secure Systems](#)
2. Systems and Software Engineering

3. Internet of Things
4. Computational Intelligence (Quantum and AI)
5. Power and Energy Systems
6. Biotechnologies
7. Photonics
8. Autonomous and Vehicle Systems
9. Financial Planning and Professional Development

Attending MetroCon a great opportunity for attendees to network and learn about the latest developments in science, engineering, and technology!

See the [MetroCon 2024](#) website for more information.



Be sure to checkout the presentation by INCOSE NTX President Dawn Handley, and Sean Densford from Dassault

Title: Systems Engineering the Future with INCOSE

Presenter: Dawn Handley, Internation Council on System Engineering

Abstract: The International Council on Systems Engineering (INCOSE) is a professional organization founded to develop and disseminate the transdisciplinary principles and practices that enable the realization of successful systems. INCOSE is designed to connect systems engineering professionals with educational, networking, and career-advancement opportunities in the interest of developing the global community of systems engineers and systems approaches to problems. This presentation will provide an overview on the INCOSE organization and activities, and will discuss INCOSE Systems Engineering certification levels. Come learn about the advantages of INCOSE membership and professional certification!

Title: Strategies and Best Practices for Managing Complex System Architectures

Presenter: Sean Densford, Dassault

Abstract: As the paradigm shifts towards the adoption of Model-Based Systems Engineering (MBSE), the Change and Configuration Management of digital models and handling of complex digital project model

architectures emerges as critical area of focus as traditional document-based methods fall short in addressing the unique demands of digital model management. While change and configuration management is a widely recognized procedure in conventional document-based systems engineering, its implementation in digital models is comparatively less established. New capabilities and tools that simplify the management of digital models have been provided with the implementation of MBSE. The increased capacity of these skills makes digital processes and procedures more suitable for management than their traditional counterparts.

Currently, the industry is saturated with many approaches for managing digital models coming from a traditional document-based perspective. Many questions emerge when none of the approaches are suitable for the project model architecture and leading to a perceived gap in capability that prevents MBSE adoption. The goal of this presentation is to demystify complexities surrounding digital model management, communicate considerations for management of digital models, and propose model architecture patterns that support the effective handling of models throughout their lifecycle.

INCOSE NTX Tour Event - Peterbilt Denton, TX November 15

Tour is about an hour from when we start. It will take a few minutes to get everyone checked in, get them their safety glasses, side shields for prescription glasses, headsets and vests. As long as everyone is on time we should be done with the tour about 11:15 am. The groups will split up and we can have groups going as soon as we get enough people to send a group, so we don't all have to wait on people showing up at the same time.

Safety glasses, side shields for prescription glasses and vests will be provided. You may bring your own safety glasses if you want.

Dress Code: Closed toe shoes are required. No open toe shoe of any kind is allowed. No shorts are allowed. Flowing clothing is not allowed.

Age Requirement: No person under 16 years old is permitted into the plant during production hours.

Photography: Tour guides may arrange for photos to be taken in the Peterbilt Experience Area. All other photography in the plant is prohibited without advance approval. Approval may be requested, in advance, through the plant receptionist. No other photos on the property are permitted.

Jewelry Policy: The Denton plant has a jewelry policy in place to help prevent potential product damage. Anyone entering the plant is required to: Remove rings while in the plant. Remove watches or bracelets while in the plant. Remove belts with metal buckles while in the plant. If someone forgets and can't take off their belt, we do have some belt protectors if needed.

Email ntxinfo@incose.net by **November 8th** to sign up for this event. This is open to families 16 years and older.



Chapter End of Year Event! - There is still time to join us!



Main Event Grapevine

Date: November 16th

Time: 4:00PM - 8:00PM

Join us for Food and Fun! \$20 per person, families welcome.

[Register Here!!](#)



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.

INCOSE Elections

NTX Board Elections - Results

President – Seth Sherman
President-Elect – Reza Rhadar
Vice President of Chapter Development – Reza Rhadar
Director of Technical Development – Jennifer Key
Treasurer – Michelle Maddox
Director of Information – Danyel Fiet
Past President – Dawn Handley
Director at Large – Sarena Gazic
Director at Large – Jerome Forbes

Join Us for this months Chapter Meeting!

Chapter Meeting Nov 12, 2024 5:30-7pm CST

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

This Month's Presentation

Presenter: Roman Eble

Title: Human Systems Integration, Education, and Talent

ABSTRACT: This presentation provides an overview of Human Systems Integration (HSI) within the Systems Engineering process and program management efforts. It highlights the integrated and comprehensive analysis, design, and assessment of requirements, concepts, and resources for various HSI domains including human factors engineering, manpower, personnel, training, safety and occupational health, force protection and survivability, and habitability.

Next Month's Presentation

Join us in December for our next speaker: Santa's surprise

Abstract: Christmas Present!

Meeting Dec 10, 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

Romeo	Evalle	Bell Flight
Roslyn	Handy	Lockheed Martin Corporation
Patrick	Spencer	Lokahi LLC
Amanda	Cook	
Stephen	Holden	Boeing
Michael	Perdue	University of Texas at Dallas
Nils-Timo	Boehnke	
Derek	Bellanca	
Lamontie	James	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 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

Stephen Holden, ASEP

Amy Plaskota, CSEP

Tricia Clark, CSEP

David Delgado, CSEP

- 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:

Nov 12, 2024 - INCOSE North Texas Meeting: Roman E presenting

IW 2025 - Feb 1-4

IS 2025 - July 26-31

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 \(incose.org\)](http://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 – Geordan Koenigs (Not-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 (Present)
- Ambassador – Jennifer Key (Not-Present)
- Ambassador – Monique Jobe (Not-Present)

Minutes from the 1 Oct 2024 Board Meeting:

Board Meeting:

- Discussed Election Results
- Discussed North Texas INCOSE Supporting the MBSE Cyber System Symposium 2025 due to new location in Reno, Nevada
- Discussed registrations for End of Year Event
- Discussed registrations for Peterbuilt tour
- Verified who is supporting IEEE Metrocon

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

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Treasurer – Michelle Maddox

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