



Chapter News

September 2024

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

INCOSE NTX is Hosting a Tour Event at Raytheon McKinney - September 27

We are looking forward to meeting everyone at the exclusive tour of the Raytheon McKinney Facility on September 27th. This is a unique opportunity to explore one of the leading sites in advanced technology and engineering.

If you are signed up, please remember the following:

- All visitors must bring a valid photo ID.
- Please arrive 20 minutes before the tour start time (9:40am) for security check-in.
- Photography is not permitted within the facility.

We look forward to your participation and an insightful tour of the Raytheon McKinney Facility!

INCOSE NTX Supporting Texas Autocross Weekend, joint with SAE and Dassault Systems - October 11-13

UT Arlington (UTA) will be hosting the 23rd annual "Texas Autocross Weekend" on the weekend of October 11 - 13, 2024. The original intent was for Texas and Oklahoma schools to get together, but it has grown to be a national event over the years joining for a weekend of pure Formula SAE racing.

The venue is an open house Friday afternoon/evening at the UTA shop ([Woolf Hall](#) Room 121, 500 W. 1st street,

Arlington, TX 76019) to view UTA's fleet of 20 cars and for schools to do any last minute repairs. Friday night the college students have a social at the school in the first floor of Woolf Hall. All are welcome to meet the students and hear about their teams. There is a beautiful Arnold E. Petsche Center for Automotive Engineering showcase room with cars and trophies. Taylor Race is sponsoring food for Friday night.

Saturday 10 am will be a Formula SAE racing competition at UTA's big lot (Southeast corner of Cooper and Mitchell streets in Arlington, TX) with a Formula SAE course in the morning and a more open faster course in the afternoon. Drinks and snacks will be provided by Mouser Electronics and Red Bull. Spectators are on your own for lunch.

On Sunday SCCA will host a "Formula Cars Only" autocross event at UTA, Southeast corner of Cooper and Mitchell streets in Arlington Lot 49, you can park in Lot 52. Spectators are on your own for lunch (several fast food restaurants are nearby).

There are over a dozen schools, 30+ FSAE cars and over 250 students expected to come.

This event is FREE for all SAE members, non-members, children and guests. Bring lawn chairs or blankets for Saturday and Sunday so you don't have to stand all day. Don't forget to bring sunscreen too.

This is a great opportunity to recruit hard working students that have hands on mechanical, electrical, presentation, budget, schedule, teamwork, leadership and many other valuable skills. It is also an opportunity to get children involved and introduce them to these exciting programs. Please feel free to exchange contact information with schools. Help support them with intellectual and monetary guidance.



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.



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.



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 - **Good Luck to those taking the exam!**

October 12, 2024, 8am-12pm CST, at SMU - Still time to register!!

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:

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.

INCOSE Elections

Be sure to participate in the INCOSE Elections now open: [Nominations & Elections \(incose.org\)](https://incose.org)

Check your email for your ballot from eBallot.

NTX Board Elections - Coming soon to an email near you!

Stay tuned for North Texas Board Elections coming soon to your inbox! Considering running for a board position, send your head shot, bio, and position(s) you are interested in running for to ntxinfo@incose.net

Join Us for this months Chapter Meeting!

Chapter Meeting Sept 10, 2024 5:30-7pm CST

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

This Month's Presentation

Presenter: Steve Records, Executive Director of INCOSE



Title: The Future of INCOSE

ABSTRACT: Join us for this exclusive opportunity to hear from one of the leaders shaping the future of systems engineering. Steve will be sharing his insights on where INCOSE is headed and the strategic initiatives that will impact our profession in the years to come.

Whether you're a seasoned professional or just beginning your systems engineering journey, this is a must-attend event. Don't miss out on the chance to engage with Steve and fellow members of our community.

Next Month's Presentation

Join us in October for our next speaker: Ryan Noguchi presenting on Managing Technical Debt in Models

Abstract: MBSE is the emerging practice of systems engineering (SE) in which descriptive models replace documents as the embodiment of SE knowledge. Consciously applying appropriate model architecting principles and practices is essential to make well-informed architectural decisions about the models to prevent the accumulation of excessive model technical debt. This presentation explains the nature of technical debt in descriptive models and describes 24 foundational principles that model architects should consider when making these architectural decisions and the technical debt tradeoffs that result when those principles are not followed. Applying disciplined model architecting practices to conscientiously manage the accrual and payoff of technical debt can make the difference between an enduring model that provides substantial value throughout the life cycle of the modeled entity and a model whose value collapses under the weight of uncontrolled technical debt.

Meeting October 8, 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

George	Spruille	Lockheed Martin
Jennifer	Fugate	Lockheed Martin
Akintunde	Famodimu	US Department of Defense
Joe	Medina	Lockheed Martin Corporation
Ediverto	Aguirre Meneses	EllisDon Corporation
Zoe	Rodriguez	
Olivia	Nilsson	Collins Aerospace
Cassandra	Ransom	Elbit America
Jason	Doyle	
Moura	Aziz	

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

Joe Medina, 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:

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 \(incose.org\)](http://www.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 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 (Not-Present)
- Vice President of Chapter Development – Seth Sherman (Not-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 3 Sept 2024 Board Meeting:

Board Meeting:

- The board confirmed that a tour of Peterbilt will be offered on November 15th at 10am with a group lunch afterwards for those who wish to participate.
- Members of SAE and Dassault attended the board meeting to discuss and finalize plans for the October 11-12 Auto Cross event that the organizations are collaborating to support together. SAE will be sponsoring \$500 towards the event. INCOSE and Dassault will host a table on October 11 from 6-10pm. SAE, INCOSE, and Dassault members may also be available to walk around on October 12 to talk with the students. The INCOSE Board voted unanimously to sponsor up to 10 student memberships for INCOSE (\$50 value). Students will be able to register for a drawing. If the student's name is drawn they will be able to pay for the student membership and get reimbursed by the North Texas INCOSE chapter.
- The North Texas INCOSE Chapter took a vote in August to determine which venue to hold the yearly social event. Main Event was the winner. Details will be sent out to the Chapter soon on how to register and participate.
- Nominations and the official election for the 2025 North Texas Chapter Board will be taking place in September/October time frame. An email will be sent out to the Chapter members with details by mid-September.

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

Director of Information – Danyel Fiet

Past President – Anthony Williams

Director at Large – Sarena Gazic

Director at Large – Jerome Forbes