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

January 2024

Welcome to the New Board! Here's to a great year! The board's annual planning is January 20, 2024...keep an eye out for upcoming details on the great plans for 2024.

Welcome to our 2024 Board!!

- Chapter President: Dawn Handley
- Chapter Past President: Anthony Williams
- Chapter President-Elect: Seth Sherman
- Chapter Treasurer: Michelle Maddox
- Chapter Director of Information/Secretary: Danyel Fiet
- Chapter Vice President for Technical Development: Kelly D Nichols
- Chapter Vice President for Chapter Development: Seth Sherman
- Director at Large: Sarena Gazic
- Director at Large: Jerome Forbes

Welcome to our Social Director: Manjunath Varayali Chandrasekhar (aka Manju)

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, the registration for this is in work. Please keep an eye out for additional information.

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.
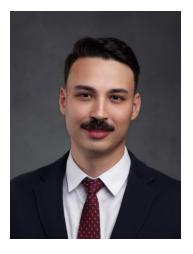
We are looking forward to seeing you in Dallas!

Join Us for this months Chapter Meeting!

Chapter Meeting January 16, 2024

Join us online:

This Month's Presentation

Presenter: Henrique Correa

Title: Ansys MBSE Ecosystem Today and the Road Ahead to SysML v2

Abstract: MBSE is not a tool, but a methodology that improves communication and collaboration between stakeholders during all phases of the lifecycle of a system, reducing risks, costs and shortening schedule. Key to this methodology is the integration of models, both descriptive (SysML) as well as analytical and simulation models used to inform design decisions. During this presentation, you'll be provided with an overview of the Ansys MBSE framework that addresses the needs of organizations undertaking Digital Transformation, as well as practical demos and use cases from industry.

Bio: Henrique is an Account Manager focused on Ansys MBSE solutions which include ModelCenter (model-to-model integration, process automation), SCADE (model-based embedded software development) and medini (model-based safety & reliability analysis). His role comprises communicating the value of a model-based approach, connecting technical resources to customer needs as well as facilitating deployment and adoption of Digital Engineering ecosystems.

Henrique has a BS in Mechanical Engineering from the University of Kentucky and a combined 5 years of technical and sales experience in support of integrating Systems Architecture (SysML) models to simulation and analytical workflows for a comprehensive MBSE methodology.

Next Month's Presentation

Join us in February for our next speaker: Dr. Carla Sayan presenting on Architecting a Purpose-Driven Roadmap for Impactful Digital Transformation

Meeting February 20, 2024, 5:30-7:00pm

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.

- 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.

- International Workshop 2024 is this month in Torrence, CA
  - This hybrid event is still available
  - Check it out at IW2024

- 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

Florian Batram – Indeed, Inc
Brendan McIntyre – Albers Aerospace
Elad Dermer

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

- 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:

Jan 16 - Risk Management Working Group: A General Method to Objectively Perform Risk-Benefit Analysis (incose.org)

Jan 18 - INCOSE Huntsville: Introduction to MBSE

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

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)](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 – Dawn Handley (Present)

President-Elect – Seth Sherman (Present)

Vice President of Chapter Development – Seth Sherman (Present)

Director of Technical Development – Kelly D Nichols (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 (Present)

Ambassador – Jennifer Key (Present)

Minutes from the 9 Jan 2024 Board Meeting:

The board voted on the following topics at the meeting held on January 9, 2024:

- The North Texas Chapter voted to sponsor a table at the MBSE Cyber Systems Symposium. In return, the North Texas Chapter voted to proctor the SEP exam at the Cyber Symposium and pay $30 each for up to 30 students to take the SE exam for free.
- The North Texas Chapter will receive two free tickets to the MBSE Cyber Systems Symposium and those will be given to the two chapter members who 1) man the table at the event and 2) proctor the SEP exam. Anyone interested should email Dawn Handley.
- The North Texas Chapter discussed whether it should pay for two additional tickets to be raffled at upcoming Chapter meetings and decided it would be better to sponsor tickets to the INCOSE IS and

WG, instead.

- The North Texas Chapter voted to sponsor two facility tours of local businesses in 2024: Peterbilt and Wabtec. These companies are on different sides of the metroplex and will allow for maximum participation from chapter members.
- There was a nomination to move the February chapter meeting from February 13 to February 20 to deconflict with Valentines Day.

The circle awards package was officially submitted for the North Texas Chapter on January 7 and the chapter is hoping to receive Gold this year.

Michelle Maddox will ensure she gets the latest template for the financial report and ensure that Dawn Handley and Seth Sherman review it.

Michelle Maddox and Dawn Handley plan to meet at the Bank of America on January 19 to ensure that Dawn Handley is added to the North Texas Chapter bank account as next President. Michelle will call the bank to inquire if Jerome Forbes needs to be present or if we need to meet at a location closer to Dallas.

The board discussed the upcoming 2024 planning meeting to be held on January 20 from 8-5 CST. Board members will conduct officer training at that time, as well. If anyone is not present at the planning meeting they will need to send an email to Seth Sherman after they have reviewed the training to let him know it is complete.

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
Director at Large – Sarena Gazic
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