

INCOSE Texas Gulf Coast Chapter (TGCC)

July 2022 Monthly Meeting

July 21, 2022



Agenda

- Introductions (around the room and on Zoom)
- New Members June/July 2022
- Joint ASME/IEEE/AIAA/INCOSE meeting 7/28/2022
- INCOSE Membership Benefits (Tony)
- INCOSE International Symposium (IS) 2022 Overview (Rey)
- IS 2022 Presentation Summaries (Tony, Anthony, Rey)

Introductions

- Please introduce yourself:
 - Name
 - Company and role
 - If you are an INCOSE member or not
 - If you are not a member, what would you like to know about INCOSE?

New Members

- 7 New Members in June/July 2022
 - Devon Stanley, Michael Cabrera, Riel So, Don Bartusiak, TJ Wainerdi, Nicholas Alexander, Lance Decker

Joint ASME/IEEE/AIAA/INCOSE meeting 7/28/2022

- Date: 7/28/2022
- Time: 6:30pm to 8:30pm
- Location: 12400 Greenspoint Dr., Houston, TX, 77060
- Title: Hou Sec: Patent Law Basics - Important Information For Engineers, Scientists, And Managers
- Speaker: Moriah Hargrove Anders, Fletcher Yoder Law Firm
- Link to event registration:

– [HOU Sec: Patent Law Basics - Important Information for Engineers, Scientists, and Managers. : vTools Events \(ieee.org\)](#)



INCOSE Membership Benefits

- Tony to present

INCOSE: A Better World Through a Systems Approach

*The global professional association
for systems engineers*



International Council on Systems Engineering

A better world through a systems approach

www.incose.org

Vision and Mission

VISION: A better world through a systems approach

MISSION: To address complex societal and technical challenges by enabling, promoting, and advancing Systems Engineering and systems approaches

OBJECTIVE: Global leader for systems engineering professionals for career development

FUTURE: Lead the future of systems engineering, academically, in emerging domains, and in practice



Systems Engineering Vision 2035



incose.org/sevision

This Systems Engineering 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

We encourage you to work with INCOSE to help realize this vision.
The complete Systems Engineering Vision 2035 is available as a website and pdf at www.incose.org/sevision.

Global Impact



Why Join INCOSE?

INCOSE is the global Systems Engineering professional society – providing the **opportunity for life-long learning** in systems approaches

A community of peers, **resources** for your **career**, and a place to be a **leader**

INCOSE members stand out and are often sought after as **experts**. INCOSE members share practices and learn from each other.

INCOSE members create **products**, produce **events** and represent the organization in international forums.

INCOSE members increase the body of knowledge and **advance the practice** of systems engineering.

Network with nearly 19,400 members in 76 countries

Increase your professional stature with the INCOSE Systems Engineering Professional **Certification**



Chapters and Groups

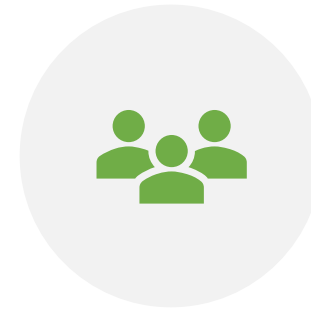
- At the heart of INCOSE is the ability to connect people.
- Whether you are interested in increasing your circle of influence, or in working on an issue, INCOSE Chapters and Working Groups offer unparalleled points of connection.



Working Groups



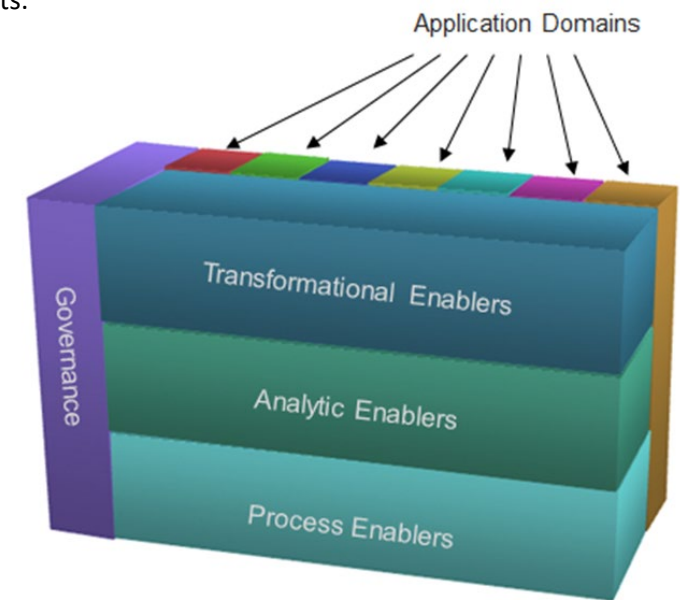
Working groups are the resource practitioners need.



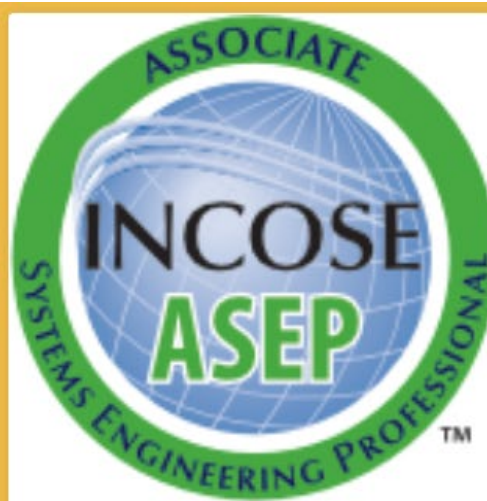
Discuss, collaborate, share in person, and online across more than 60 working group in INCOSE with a wide diversity of interests.



INCOSE working groups create products, present panels, develop and review standards.



Certification



Associate Systems Engineering Professional

College students and those new to systems engineering may be qualified as Associate Systems Engineering Professionals (ASEP).

[LEARN MORE](#)



Certified Systems Engineering Professional

Working engineers who can perform independently in a variety of systems engineering functions can be recognized as Certified Systems Engineering Professionals (CSEP).

[LEARN MORE](#)



Expert Systems Engineering Professional

Individuals who solve the most challenging, technical problems and are seen as leaders in their community can become Expert Systems Engineering Professionals (ESEP).

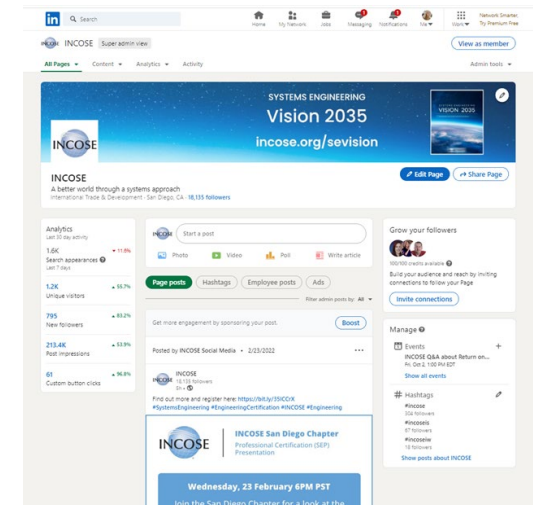
[LEARN MORE](#)

Engage with INCOSE Follow us on social media

Follow, like, comment, and share on all INCOSE social media platforms.



- LinkedIn:
<https://www.linkedin.com/company/44559/>
- LinkedIn Group:
<https://www.linkedin.com/groups/7499834/>
- Facebook
- Twitter
- Instagram
- More to come



Questions?

INCOSE:

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for systems engineers*



International Council on Systems Engineering

A better world through a systems approach

For more information contact marcom@incose.net
www.incose.org

INCOSE International Symposium (IS) 2022

- Date: June 25 – 30, 2022
- Location: Detroit, MI
- Hybrid event
 - In-person: 261 attendees
 - Remote: 305 attendees
- Not all presentations were recorded or have replays
- Saturday and Sunday had paid tutorials (\$50)
- Monday through Thursday had plenary speakers and 40-minute presentations on parallel tracks
- If you are a member, the IS papers and presentations will be available in the INCOSE library by September 1
 - Log into incose.org, in the website search bar type in library, click on the first search result
- Get to meet and network with other systems engineers from other industries and countries and talk to vendors that provide SE tools and SE educational programs



INCOSE Professional Development Portal (PDP)



INCOSE Professional Development Portal

To better serve our existing members and drive new interest among other professionals who want to enhance their systems engineering skills, we are developing a Professional Development Portal. This Portal will put the rich resources of INCOSE at our members' fingertips.

The Portal, a comprehensive solution for career development for Systems Engineers with easy shortcuts for those with a more focused need, will provide access to:

- Competency Framework/Self-Assessment for users to obtain a sense of their areas of proficiency and areas for improvement.
- Quick references to Certification, Events, Working Groups, Mentoring, the Institute for Technical Leadership and other INCOSE offerings.
- Training and Education provided by INCOSE and selected partners.

INCOSE is recognized as the world's leader for enabling Systems Engineering professionals to grow in their profession. This portal will continue to expand these areas for practicing systems engineers. When the portal becomes initially operational, it will provide access to a self-assessment tool, selected content on Software and Systems Engineering, information about INCOSE membership, information about the Institute for Technical Leadership, and links to the Worldwide Directory of Systems Engineering and Industrial Engineering Programs and the Empowering Women as Leaders in Systems Engineering (EWLSE) initiative.

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Resources

- Chapter Information
 - <https://www.incose.org/incose-member-resources/chapters-groups/ChapterSites/texas-gulf-coast/chapter-home>
 - LinkedIn <https://www.linkedin.com/groups/3790414/>
 - Facebook <https://www.facebook.com/groups/tgccincose>
 - Twitter https://twitter.com/tgcc_incose
- Any chapter questions or suggestions for future speakers
 - Email tgcc.incose@outlook.com
- INCOSE Homepage
 - <https://www.incose.org/>

Speaker Introductions: Tony Williams, ESEP, Anthony Bullion CSEP, Rey Climacosa CSEP

Title: INCOSE International Symposium (IS) 2022 Presentation Summaries

- Tony Williams, ESEP
 - Tony is a Chief Engineer, SE&I at Jacobs supporting JSC's Engineering Directorate in the development of flight systems for Gateway, Orion, HLS and ISS. Former INCOSE Int'l Board of Directors member, currently serving as INCOSE Int'l Product Champion Assistant Director and New Chapter Facilitator, TGCC Membership Director
- Anthony Bullion, CSEP
 - Anthony is a systems engineering manager at Deloitte in their Digital Engineering Group with a focus on NASA manned space programs. Has 10+ years in the oil and gas industry and 15+ years in aerospace working ISS, Shuttle, Constellation/Orion, and Artemis programs at JSC. Past TGCC president and current TGCC university ambassador
- Rey Climacosa, CSEP
 - Rey is a Lead Systems Engineer at Baker Hughes. Has 20+ years experience in the aerospace and oil and gas industries. Has mainly worked on new product development projects, current TGCC President



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