

TGCC Monthly Meeting

March 18, 2021



Agenda

- **New Members**
- **Additional INCOSE Resources**
- **CSEP News**
- **Upcoming Job Fair**
- **Today's Speaker**

New Members & Resources



- Philip Schoonover & Joe Lotz
- Chapter Information & Resources
 - <https://www.incose.org/incose-member-resources/chapters-groups/ChapterSites/texas-gulf-coast/chapter-home>
 - LinkedIn
 - <https://www.linkedin.com/groups/3790414/>
- Any chapter questions or suggestions for future speakers
 - Email tgcc.incose@outlook.com
- Getting to Know INCOSE
 - <https://www.youtube.com/watch?v=vpStSoz2tI0>



Working Groups & Initiatives by Domains



Analytic Enablers	Application Domains	Process Enablers	Transformational	Other Groups & Initiatives
<ul style="list-style-type: none"> • Competency • Complex Systems • Decision Analysis • Human Systems Integration • Natural Systems • Product Line Engineering • Resilient Systems • System of Systems • System Safety • Systems Security Engineering • Training 	<ul style="list-style-type: none"> • Automotive • Critical Infrastructure Protection and Recovery (includes Anti-Terrorism International) • Defense Systems • Financial Services • Healthcare • Infrastructure • Oil and Gas • Power & Energy Systems • Space Systems • Telecommunications • Transportation 	<ul style="list-style-type: none"> • Architecture • Configuration Management • Enterprise Systems • Integration, Verification & Validation • Measurement • PM-SE Integration • Requirements • Risk Management • Systems Engineering Quality Management 	<ul style="list-style-type: none"> • Agile Systems & Systems Engineering • Artificial Intelligence Systems • Digital Engineering Information Exchange • Knowledge Management & Ontologies • Lean Systems Engineering • MBSE Patterns • Model-Based Conceptual Design • Object-Oriented Systems Engineering Method • Process Improvement • SE in Early-Stage Research & Development • Small Business Systems Engineering • Social Systems • Soft Skills • Systems Engineering Tools Database • Systems and Software Interface • Systems Science • Tools Integration & Model Lifecycle Management 	<ul style="list-style-type: none"> • Empowering Women Leaders in SE • MBSE Initiative • Smart Cities Initiative • Value Proposition Initiative

Be ACTIVE in a Working Group or Initiative!



Other INCOSE chapters Activities



- **INCOSE Enchantment Chapter (NM and El Paso)**
 - <https://www.incose.org/incose-member-resources/chapters-groups/ChapterSites/enchantment/chapter-home>
- **INCOSE Los Angeles (LA) Chapter**
 - <https://www.incose.org/incose-member-resources/chapters-groups/ChapterSites/los-angeles/chapter-home>
- **INCOSE Washington DC Metro Chapter**
 - <http://www.incosewma.org/events>
- **INCOSE Maryland Chesapeake Chapter**
 - <https://www.incose-cc.org/upcoming-events>
- **INCOSE North Texas Chapter**
 - <https://www.incose.org/incose-member-resources/chapters-groups/ChapterSites/north-texas/chapter-events>



INCOSE Systems Engineering Professional PDU Credit

For more information about INCOSE certification renewal, including PDU categories and limits:

<http://www.incose.org/certification/CertProcess/CertRenew>



You can claim 1 PDU credit towards your INCOSE Systems Engineering Professional (SEP) renewal by attending this entire webinar.

Claim PDUs



Eligible Categories To Claim PDUs

- Live attendance at a chapter event: "Attend non-peer-reviewed Professional Technical Society event."
- Watching a recording of an INCOSE event: "Consume SE-related media, including journal article, book, video, or audio."

INCOSE webinars may also apply to the PDU requirements of other organizations, depending on the subject matter.

Claim PDUs for Other certifications



CSEP Testing

- On track for online CSEP testing in April
- Prometric test centers no longer available after March 31
- Registration will be opening up soon, special instructions will be emailed to you

SPE-GCS Spring 2021 Energy Professionals Hiring Event




April 7, 2021

<https://www.spegcs.org/hiring-event/>



 @spehiringevent

 @spe-gcshiringevent

 @spehiringevent

A virtual event for Energy Professionals in partnership with Texas Workforce Solutions

Energy Professional FREE Virtual Hiring Event

Event, candidates must:

- Be active member of either SPE or any of the collaborating professional organizations
- Have previous full-time position of an energy and/or upstream discipline



Today's Speaker

- Perspectives on the Boeing 737MAX Maneuvering Characteristics Augmentation System (MCAS)
- Dr. Ron Carson is an Adjunct Professor of Engineering at Seattle Pacific University, an Affiliate Assistant Professor in Industrial and Systems Engineering at the University of Washington, a Fellow of the International Council on Systems Engineering and a certified Expert Systems Engineering Professional. He retired in 2015 as a Technical Fellow in Systems Engineering after 27 years at The Boeing Company. He is the author of numerous articles regarding requirements analysis, failure modes and effects analysis, and systems engineering measurement. His current interests are in quantitatively incorporating sustainability considerations in systems engineering methodologies and education. Dr. Carson has a PhD from the University of Washington in Experimental Plasma Physics, and a BS from the California Institute of Technology in Applied Physics

