

If you are interested in a expanding your leadership experience, consider volunteering as an officer with the INCOSE Enchantment Chapter.

Nominations may be submitted for upcoming elections this fall. Look for more information in the October newsletter.

Board of Directors
Enchantment Chapter

The Enchanted View

September 2022

INCOSE INSTITUTE FOR TECHNICAL LEADERSHIP



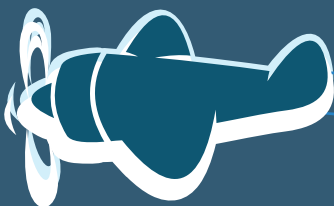
CONGRATULATIONS TO ENCHANTMENT CHAPTER MEMBERS: ROB SCHWENKE & ADAM WILLIAMS!

Both were nominated and selected to the INCOSE Technical Leadership Institute (TLI).

TLI was established in 2015 and is a global network of INCOSE members committed to improving technical leadership. Participants are expected to put what they learn into practice full time, in their jobs, in their professional activities, and in their private lives. Leadership is best learned through practice! Participants primarily learn through a series of experiences designed to stretch them as leaders and encourage exploration, observation and reflection in the process. TLI is a two-year program. For more information go to <https://www.incose.org/about-incose/tli>

NEXT ENCHANTMENT EVENT CAREER ADVICE FOR EARLY CAREER SYSTEMS ENGINEERS

The September 14th 2022 panel event is another example of increasing engagement with systems engineering students. Panel volunteers will include Quinn Fatherley, Ann Hodges, Cheryl Kinchen, Marlene Brown. Arno Granados is the panel moderator. The Panel format: panel members start discussion by answering a short list of questions. Sergio Luna Fong (UTEP) will compile a list of questions for the panel, and there will also be an open Q&A. POC is Ann Hodges, alhodge@sandia.gov



YOU'RE INVITED!

Board of Directors

Chapter Officers & Directors At Large

President, Steve Denman (SNL)

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Vice President, Cheryl Bolstadt

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Secretary, Ann Hodges, CSEP (SNL)

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Past President, Arno Granados (Boeing LEOS)

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Directors at Large:

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Cheryl Kinchen, CSEP (SAIC)

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Robert Schwenke (SNL)

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To contact the Enchantment Board of Directors:

<http://www.incoase.org/ChaptersGroups/Chapters/ChapterSites/enchantment/about-this-chapter>

PROFESSIONAL CERTIFICATIONS

Congratulations SE Professionals!

Mary Compton, Associate SEP, 5 year Anniversary

Oscar Mondragon, Associate SEP, 5 year Anniversary

ENCHANTMENT CERTIFIED MEMBERS: 26%

ASEPs: 10 CSEPs: 18 ESEPs: 1

MEMBERSHIP

ACTIVE CHAPTER MEMBERS: 114**WELCOME TO OUR 3 NEWEST MEMBERS!****Hunter Dronette**, joined INCOSE on August 9, and is with CACI. **Wilson Ramos** and **Manuel Castillo** joined on August 13, 2002 as student members at the University of Texas at El Paso (UTEP).

MEMBER SPOTLIGHT

RAYMOND WOLFGANGRaymond has been an INCOSE member for 10 years. He joined April 19, 2012. He earned his Certified Systems Engineering Professional (CSEP) July 10, 2019. Raymond is an active member of the INCOSE community and enjoys helping people new to Systems Engineering succeed with speed at their jobs, by teaching SE procedures and best practices. Check out his YouTube Channel <https://lnkd.in/gBHGdZ6T>

ENCHANTMENT EVENTS

CHAPTER MEETINGS

Every 2nd Wednesday each month, Time: 4:45-6:00pm, via Zoom

SAVE THE DATE12 October 2022, Presenter: David Long, [Digital Data Packages: Making the Digital Thread Work](#), 4:45 PM - 6:00 PM MT**2023 INCOSE ELECTION**

2023 INCOSE Elections open 1 October and closes - 31 October

INCOSE TIPS:

UPDATE YOUR MEMBER INFORMATION

If you started a new job, or moved in the past year, go to www.incose.org, sign in, click on your name and select 'Profile'

- 1) Review, if needed select 'Edit My Information'
- 2) Select 'Renew' if membership expires soon

PAST EVENTS

NUCLEAR FUSION SUPERLATIVES

On Wednesday, July 13, Robert Pummer presented to the Enchantment Chapter on Systems Engineering the World's Most Energetic Laser. As Group Leader for engineering in the Optics and Materials Science & Technology organization at Lawrence Livermore National Laboratory, Robert is an expert on the complexity and technical challenges of designing and maintaining the National Ignition Facility (NIF), a machine the size of three football fields.

NIF is the world's most precise and reproducible laser system. It precisely guides, amplifies, reflects, and focuses 192 powerful laser beams into a target about the size of a peppercorn in a few billionths of a second, delivering more than 2 million joules of ultraviolet energy and 500 trillion watts of peak power. NIF generates temperatures in the target of more than 180 million degrees Fahrenheit and pressures of more than 100 billion Earth atmospheres. Those extreme conditions cause hydrogen atoms in the target to fuse and release energy in a controlled thermonuclear reaction.

In 2022, LLNL joined INCOSE as a Corporate Advisory Board member; Plummer chairs the LLNL Systems Engineering Council. His personal mission statement puts it this way: "My passion is helping advance how societies obtain and use energy. Over the course of my career, I will help create an economically, environmentally, and socially sustainable solution for powering the world."

LINKS TO PAST PRESENTATIONS

Recordings of past chapter meetings are stored in the chapter's website library (copy and paste into your browser url):

<https://www.incose.org/incose-member-resources/chapters-groups/ChapterSites/enchantment/resources/meeting-materials>

August 10, [From Fragile to Agile.](#)

June 8, [Developing Competence in the SE Professional Competencies.](#)

May 11, [Applying the Human Readiness Scale in the SE Process.](#)

March 9, [Framework for Understanding SE Principles and Heuristics.](#)

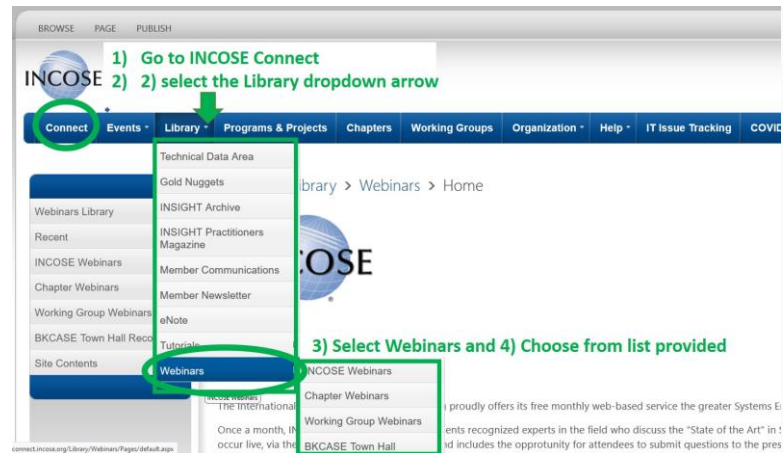
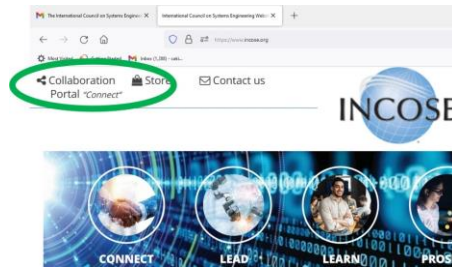
February 9, [Ideas in Conjunction: Antagonistic Systems Engineering and Digital Transformation.](#)

January 12, [The Six V's and Three T's of Systems Engineering.](#)

NAVIGATIONAL TIP

HOW TO ACCESS INCOSE WEBINARS

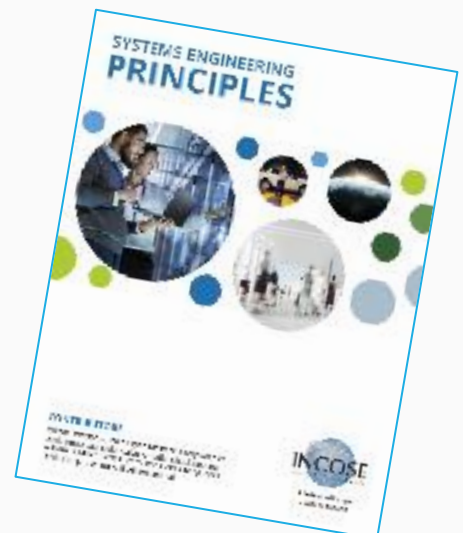
Go to Collaboration Portal 'Connect' → Library → Webinars



SYSTEMS ENGINEERING PRINCIPLES

INCOSE has launched its latest publication.

Get a copy at the INCOSE Store online.



Enchantment Chapter Quick Response (QR) Code.

Use your phone to scan it and
check it out!



Chapter Website

www.incose.org/enchantment



SYSTEMS EXCHANGE CAFÉS

The Systems Exchange Cafés are virtual meetings run on Zoom. It is not being recorded, so there is no formal “output” or record from the meetings (apart from the next topic!). There will be a host for each meeting. Each Café meets every two weeks, and are on different days and different times from each other. Click the links below to see the dates and times for each Café, and select the one(s) that fit your schedule. Note that each is based in a particular time zone at a set time. The corresponding time in other time zones will vary with the season. Participants from anywhere are welcome at any Café.

[Fir Tree Café](#): Wednesday 9:00 am Japan

[Convert to my time zone](#) [Register](#)

[Oak Tree Café](#): Wednesday 8:00 am UK

[Convert to my time zone](#) [Register](#)

[Maple Tree Café](#): Friday 8:00 am US Pacific

[Convert to my time zone](#) [Register](#)

Once registered you will receive a Zoom invitation to join the selected Café on the next scheduled date, and to continue to participate every two weeks thereafter. Your registration information is only used for these Café events, and will not be shared or used for any other purposes, in accordance with the INCOSE Privacy Policy.

Questions? Contact Chapter President Steve Denman
sddena@sandia.gov

For Newsletter Information or Submissions Contact
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cbolsta@sandia.gov
