

# The Enchanted View

INCOSE Enchantment Chapter Newsletter

## ENCHANTMENT CHAPTER 2024 FALL SOCIAL

Article Author: Mary Compton

The Enchantment Chapter Fall Social was held at the Vara Balloon Fiesta Park Tasting Room in Albuquerque on Thursday, October 17, 2024. Twenty-three of your fellow chapter members and friends enjoyed fine Vara wines and delicious food from M'Tucci's Twenty-Five. We celebrated the successful completion of WSRC 2024, which was held in Albuquerque in September. We gave away 2 super-secret door prizes, so secret the rest of the Enchantment Chapter Board did not know what they were! The prizes were: (1) an official INCOSE WSRC 2024 lunch tote and (2) an official INCOSE WSRC 2024 conference tote bag.

Alvin Hossain, the president of INCOSE Student Chapter at Texas Tech drove over from Lubbock to join us for the event. (Did you know that the Enchantment Chapter sponsors the INCOSE Student Chapters at both Texas Tech and UTEP?) We were thrilled to have Alvin join us!



## Newsletter Highlights

[Enchantment Chapter 2024 Fall Social](#)

[2025 Board Elections](#)

[Western States Regional Conference Recap](#)

[Event Calendar](#)



## 2025 Board of Director Election Results

The ballot for officers of the Enchantment Chapter election concluded on October 31, 2024. New Officers for 2025 will be welcomed at an upcoming Enchantment Chapter event and installed at the regular January Chapter Meeting. Please welcome the 2025 Officers of the Enchantment Chapter.

- Past President - Jose Parga
- President - Amy Moy
- Vice President - Jen Giang
- Secretary - Ann Hodges
- Treasurer - Mary Compton
- Director-at-Large\* - Greg Chavez, Quinn Fatherley, Cheryl Bolstad
- Non-voting Board Members - Sergio Luna, faculty advisor for the UTEP Student Chapter, and Richard Burgess, faculty advisory for the TTU Student Chapter



## Welcome to our newest board member, Jen Giang

Jen currently serves as a Systems Engineering Integration and Test Lead at Sierra Space Corporation where she leads an interdisciplinary team through major program milestones and guidance systems engineering tasking to success. Jen is also pursuing a Ph.D. in Systems Engineering through Colorado State University with a dissertation focus on “Risk Assessment Framework for Mitigating Data Reconstruction in GAI Applied to Complex Mission Concepts”. Additionally, Jen is part of the INCOSE Technical Leadership Institute, a two-year international program addressing global systems engineering challenges. Jen is a well-rounded systems engineer with experience in research and development, requirements and verification, integration and test, and Model Based Systems Engineering through professional experience, education, and prior military service.

## 2024 Western States Regional Conference Recap Building a More Secure World Through Systems Engineering

The 2024 INCOSE Western States Regional Conference (WSRC) in Albuquerque, New Mexico, brought together Systems Engineering professionals from 23 U.S. states and five countries, solidifying WSRC as a premier gathering for knowledge-sharing and innovation in the field. With 131 in-person participants and 16 virtual attendees, the conference surpassed pre-pandemic attendance, underscoring its growing role in addressing today's complex challenges through Systems Engineering.



## 2024 Western States Regional Conference

Each day began with insightful keynotes from leaders defining the future of Systems Engineering. Opening the conference was Michael D. Watson, INCOSE President-Elect and Systems Engineering Director for Leidos Defense Systems Sector, who shared INCOSE's strategic vision and emphasized the expanding role of Systems Engineering in tackling global challenges. James Owen from Los Alamos National Laboratory (LANL) followed, highlighting the field's significance in nuclear security and presenting digital solutions for managing nuclear weapons research. On the second day, Mark Myshatyn, Enterprise AI Architect at LANL, discussed the potential of artificial intelligence in national security, emphasizing AI's role in enhancing resilience. The keynote series concluded with David Stracuzzi from Sandia National Laboratories, who explored the ethical and reliability challenges of AI in high-stakes applications and underscored the need for certification in AI systems. Together, these speakers highlighted how Systems Engineering, AI, and national security converge to address today's critical challenges.

This year's program featured a wide array of sessions covering MBSE, digital engineering, AI integration, risk management, and human-systems integration, with presentations spanning both foundational techniques and emerging technologies. Attendees explored advancements in Model-Based Systems Engineering (MBSE) and digital engineering tools, including SysML and digital twin frameworks, essential for developing precise, integrated models in complex projects. Other sessions examined AI and machine learning applications in Systems Engineering, demonstrating how data-driven methods can streamline processes and boost efficiencies.

Safety and resilience in complex systems were key focal points, with discussions on cybersecurity, risk management, and human integration underscoring Systems Engineering's role in ensuring security and reliability. These sessions provided actionable strategies for real-world applications across aerospace, defense, and other critical sectors.



# MEET THE 2025 BOARD OF DIRECTORS

Go to our internal iNet page all for bios!



Past President: Jose Parga  
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President: Amy Moy  
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Vice-President: Jen Giang  
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Secretary: Ann Hodges  
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Treasurer: Mary Compton  
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Dir at Large: Greg Chavez  
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Dir. at Large: Cheryl Bolstad  
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Dir. at Large: Quinn Fatherly  
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## Upcoming Chapter Events

### December

**December 11- 4:45 PM MST**

**Presenter:** Jawahar Bhalla (JB)

**Title:** One Model to Rule them All...and Through Emergence Bind Them

### January

**January 9 - 4:45 PM MST**

**Presenter:** Dr. Rick Hefner

**Title:** Requirements: A Comprehensive Overview