

Exam - Wednesday October 11th 2023

Room 317

Session	Start	End	Topic & Speaker
Registration	12:30 PM	1:00 PM	
Exam	1:00 PM	4:00 PM	INCOSE Knowledge Exam

Conference Day One - Thursday October 12th 2023

Main Auditorium

Session	Start	End	Topic & Speaker
Registration	8:00 AM	8:30 AM	
Welcome	8:30 AM	8:45 AM	<i>5th Annual Fall Workshop Welcome Address</i> - Haifeng Zhu, INCOSE NE Chapter President
Presentation 1.1	8:45 AM	9:30 AM	<i>Advanced Modeling Paradigms for Model Driven Engineering in Cyber-Physical Systems</i> - Michael Winokur, Holon Institute of Technology
Break	9:30 AM	9:45 AM	
Presentation 1.2	9:45 AM	10:30 AM	<i>Systems Engineering Applications in the Design of Composite Components</i> - Matthew Zsunkan, Pratt & Whitney
Break	10:30 AM	10:45 AM	
Presentation 1.3	10:45 AM	11:30 AM	<i>Taming the Complexity in Australia's Nexus Infrastructure of Energy, Water, and Hydrogen: A Reference Architecture</i> - Amro Farid, Stevens Institute of Technology
Break	11:30 AM	11:45 AM	
Tutorial 1	11:45 AM	12:30 PM	<i>INCOSE ESEP Application Process</i> - Renee Steinwand, INCOSE
Lunch	12:30 PM	1:30 PM	
Discussion	1:30 PM	2:00pm	A Word from Bill Miller - FuSE Program Lead
Round Table 1	2:00pm	2:45 PM	Topic: <i>FuSE in Academia</i> , Panel: Beth Wilson (WPI), Amy Thompson (CCAT), Manbir Sodhi (URI), Ravi Gorthala (UCONN)
Break	2:45 PM	3:00 PM	
Presentation 1.4	3:00 PM	3:45 PM	<i>Teaching Cyber Security through Case Studies</i> - Beth Wilson, WPI
Closing Remarks	3:45 PM	4:00 PM	<i>Day One Closing Remarks</i> - Cameron Hendricks, INCOSE NE Chapter Vice President
Student Poster Session	4:00 PM	6:00 PM	Student Poster Session + Dinner

Conference Day Two - Friday October 13th 2023

Main Auditorium

Session	Start	End	Topic & Speaker
Registration	8:00 AM	8:45 AM	
Welcome Back	8:45 AM	9:00 AM	<i>Day Two Welcome Address</i> - Haifeng Zhu, INCOSE NE Chapter President
Key Note	9:00 AM	9:45 AM	<i>The INCOSE Fundamentals of Systems Engineering (FuSE) Initiative: Moving from Heuristics to Sciences</i> - Oli De Weck, INCOSE/MIT
Break	9:45 AM	10:00 AM	
Presentation 2.1	10:00 AM	10:45 AM	<i>Building a Rocket Booster Simulation using SysML and the Cameo Simulation Toolkit</i> - Paul Skelly, Draper Laboratory
Break	10:45 AM	11:00 AM	
Tutorial 2	11:00 AM	11:45 AM	<i>Introduction to Systems Thinking</i> - Beth Wilson, WPI
Lunch	11:45 AM	1:30 PM	
Round Table 2	1:30 PM	2:15 PM	Topic: <i>FuSE in Industry</i> , Panel: Josh Ebeling (Pratt & Whitney), Paul Schmitt (TORC Robotics), Bill Luk (BAE)
Break	2:15 PM	2:30 PM	
Presentation 2.2	2:30 PM	3:15 PM	<i>Verification and Validation Test Framework Using a Model-Based Systems Engineering Approach</i> - Clara Ramirez, UCONN
Break	3:15 PM	3:30 PM	
Presentation 2.3	3:30 PM	4:15 PM	<i>Modeling Across Digital Engineering</i> - Becky Petteys, Mathworks
Closing Remarks	4:15 PM	4:30 PM	<i>5th Annual Fall Workshop Closing Remarks</i> - Cameron Hendricks, INCOSE NE Chapter Vice President