

NE INCOSE Member Meeting

August 19th, 2022

Virtual Only
incosenewengland@gmail.com



- **6:00 – 6:45 Chapter Business**
 - Introductions
 - 2022 INCOSE NE Chapter Organization and Committees
 - INCOSE / INCOSE NE Updates
 - New Member Introductions

- **6:45 – 7:30: Guest Speaker**
 - Matthew Hause, SSI Principal and MBSE Technical Specialist, a former PTC Fellow, a co-chair of the UAF group and a member of the OMG SysML specification team, presents "The Future of Unified Architecture Framework (UAF)".

- **7:30 – 8:00: Q & A / Wrap Up**

2022 Chapter Leadership Team



President

Madhu Rao, Ph.D.
Belcan Engineering, LLC



Vice President

Haifeng Zhu, Ph.D.
Smart Machinery Lab



Treasurer

Rachel McGrath
Raytheon (P&W)



Secretary

Michael Tymms
Vicarious Surgical Inc.



Past President

Eric Dano, Ph.D.
BAE Systems



Director

Amy Thompson, Ph.D.
UConn, UTC IASE



Director

Randy Skelding
Raytheon (P&W)



Director

Jim Garman
Sikorsky Aircraft



Director

Daniel Burbank
Collins Aerospace



Director

Dave Finigan
BAE Systems



Director

Bao Truong, Ph.D.
Malta Inc.



Director

Peter Huie
WPI



Director

Stephen Nichols
Schindler Elevator Corp.



Director

Diane Alsing
Strategic Global



Director

Brian Sheehan
Draper Labs

Operations Committee

Madhu Rao, Chair

Eric Dano, Past President & BoD Chair

Haifeng Zhu, VP/President Elect

Amy Thompson, Advisor

Rachel McGrath, Treasurer

Mike Tymm, Secretary

Bao Truong, Director

Vision: Plan and organize chapter operations. Create strategic and operations plans. Communicate and coordinate with Directors through BOD. Coordinate execution with committees. Report back to INCOSE national. Manage chapter finances.

Regular Meeting Times: 1st Tuesday of each month at 6:00pm, open to all members

Membership Committee

TBD, Chair

Peter Huie

Jim Garman

Daniel Burbank

Vision: Serve current membership. Recruit new members. Serve all industry sectors and states. Perform direct and indirect outreach to members. Collect information about how we can better serve. Member categories: existing members, new members, CAB members, university members.

Regular Meeting Times: 3rd Thursday of each month at Noon, open to all

Programming Committee

Madhu Rao, Chair
Eric Dano, Past President & BoD Chair
Ed Medri
Randy Skelding
Brian Sheehan

Vision: Plan high quality events throughout the year that engage all chapter members based upon regular input and feedback from the membership.

Regular Meeting Times: 3rd Thursday of each month at 6:00pm, open to all

Certification, Training & Workforce Development

Randy Skelding, Chair
Rich Powers
Dave Finigan
Chris Massa
Bao Truong

Vision: Plan high quality training events throughout the year for members that help them achieve their professional development goals. Offer ASEP-CSEP

Communications

Mike Tymms, Chair
Peter Huie
Amy Thompson
Stephen Nichols

Vision: Communicate effectively with members of the chapter and INCOSE international. Communication methods should support all other committee goals and members should coordinate with other committees to send and receive their messages. Maintain chapter records.

INCOSE New England Fall Workshop - Planning

- Event proposal: Workshop + student poster session
- Event Type: Virtual
- Dates: Fri & Sat Oct 28th and 29th
- Theme: Organizational Transformation and Digital Engineering

<https://www.neincose.org/2022-incose-ne-fall-workshop>

Mark Your Calendars!!

2022 Operating Plan Highlights

- 2022 Operating Plan, Budget Review & Approval – February 2022 ([Fri 3/18](#))
- BoD Indoctrination / Training – February 2022 ([Thu 3/24](#))
- Outreach initiatives by officers and BoDs to chapter members for increased participation and engagement ([April](#))
- Monthly newsletter ([April](#))
- Recurring Meetings:
 - Monthly Operations meeting ([2nd Tue](#))
 - Monthly member meetings ([3rd Tue](#))
 - Quarterly BoD meetings ([Middle month, 2nd Tue](#))
 - Monthly committee meetings
- 2022 Events – SEP Cert Training, Student Poster, Fall Workshop

2022 New Members (+36)

- Ertan Ergezen
- Lewis Malaver
- Hanning Wong
- Jon Hodge
- Preston Wilkey
- Rodervin Urena
- Steven Thorwarth
- Geoffrey Lichtenheim
- Danielle Conneely
- Alexander Moon
- Brianne Hirschfeld
- Natasha Berner
- Mostafa Elshibiny
- Brian Baillie
- Lou Palecki
- Randy Mocadlo
- Andrew Hanshaw
- Maxwell Brown
- Samuel Felton



Welcome to INCOSE New England!!

- Lew Cote
- Scott Morris
- Todd Jackson
- Greer Koerner
- David Fontaine
- Rahmeh Fares
- Michael Shatz
- Sasha Smiljanic
- Matteo Pietrobelli
- Amir Eftekhari
- Jennifer Pandolf
- Scott Law
- Patterson Sisson
- Khrystyna Shvedova
- Rebecca Petteys
- Heather Morris
- Candice Bell
- [Marin Casanovas](#)

2022 Guest Speakers

Month	Guest Speaker	Organization	Title / Topic
Jan	Dr. Don Gelosh	WPI	INCOSE Professional Development Portal Initiative
Feb	Paul White	BAE Systems	Building the Digital Engineering Workforce of the Future
Mar	Cameron Hendricks	Raytheon (P&W)	Taming Unreliable Variables in Systems Engineering
Apr	Dan Burbank	Raytheon (Collins)	Reliability and Survivability in Crewed Spacecraft
May	Dr. Phillip Palmer	Sunrise Labs	The Benefits of a Systems Engineering Approach: How to reduce risks and improve performance in medical device development
Jun	Guru Madhavan	National Academy of Engineering	Engineering Our Care Systems
Jul	Bao Truong, CSEP	Malta Inc.	Use of Systems Engineering in Repurposing Coal-Fired Power Plants with the Malta Pumped Thermal Energy Storage System
Aug	Matthew Hause		The Future of Unified Architecture Framework (UAF)
Sep			
Oct	<i>No meeting</i>		<i>New England Fall Workshop</i>
Nov			
Dec			

Guest Speaker

The Future of Unified Architecture Framework (UAF)

Bio:

Matthew Hause is a SSI Principal and MBSE Technical Specialist, a former PTC Fellow, a co-chair of the UAF group and a member of the OMG SysML specification team. He has been developing multinational complex systems for over 45 years as a systems and software engineer. He started out working in the power systems industry and has been involved in military command and control systems, process control, manufacturing, factory automation, communications, SCADA, distributed control, office automation and many other areas of technical and real-time systems. His roles have varied from project manager to developer. His role at SSI includes mentoring, sales presentations, standards development, presentations at conferences, specification of the UAF profile and developing and presenting training courses. He has written over 100 technical papers on architectural modeling, project management, systems engineering, model-based engineering, human factors, safety critical systems development, virtual team management, product line engineering, systems of systems, systems and software development with UML, SysML and Architectural Frameworks such as DoDAF and MODAF. He has been a regular presenter at INCOSE, NDIA, the IEEE, BCS, the IET, the OMG, AIAA, DoD Enterprise Architecture, Embedded Systems Conference and many other conferences.



Questions

incosenewengland@gmail.com