



33rd Annual **INCOSE**
international symposium

hybrid event

Honolulu HI USA

Whether you are new to systems engineering and building your foundation, new to INCOSE and wanting to understand its terminology and framing for SE, or an experienced practitioner looking for a refresh on the fundamentals, the SE Fundamentals track has what you are looking for.

Attending in person? Tailor to your specific interests by choosing from two tutorials and seven presentations - or take advantage of all nine compelling speakers who are experts in the field of systems engineering. Watch the recordings from our virtual track on the platform for even more value.

Attending virtually? Choose from six virtual presentations delivered by systems engineering experts from around the world. Participate live or watch the recordings on demand.

Whether attending in person or virtually, catch up on any presentations missed or rewatch them all from the INCOSE Content Library after the platform closes.

In person (HST)

Saturday, July 15

08:00-1700 **Practical Systems Engineering: Principles and Methods for Success**
David Long

Sunday, July 16

08:00-1700 **Understanding and Applying the INCOSE SE Handbook Fifth Edition**
David Walden

Monday, July 17

10:00-10:40 **Tales of Tails, Cobras, Cats, and Models**
Jawahar "JB" Bhalla

10:45-11:25 **What is the Point of Requirements?**
Tami Katz

11:25-12:10 **Architecture: More than a Floor Plan**
Jim Armstrong

13:30-14:10 **Making Sense of Alphabet Soup: MBSE and DE**
David Long

14:15-14:55 **Blurring the Boundary: Integrating Systems of Systems at the Edge of Earth and Space**
Olivier 'Oli' de Weck

15:30-16:10 **Tea, Pie, and Other Ingredients to Build Competency and Have a Successful Systems Engineering Career**
Lori Zipes

16:15-16:55 **New Spaces, New Places: How SEs Influence and Impact in Our Changing Times**
Donna Rhodes

Virtual (EDT)

Monday, July 17

- 08:00-08:40 **Systems Thinking 101**
Stuart Burge (UK)
- 08:45-09:25 **The Pragmatic Requirements for Requirements**
Hazel Woodcock (UK)
- 09:30-10:10 **Architecture: Bringing Form to Function**
Mark Wilson (USA)
- 11:00-11:40 **Get Yourself Tested!**
Paul Davies (UK)
- 11:45-12:25 **Let's talk machine: The Digital Transformation of Systems Engineering**
Tim Weilkiens (Germany)
- 12:30-13:10 **Avoiding Stupidity is Easier than Seeking Brilliance**
Ad Sparrius (South Africa)