



33rd Annual **INCOSE**
international symposium

hybrid event

Honolulu HI USA

Monday, July 17

08:00-09:30



Plenary Keynote: "Sustainability"

Matthew Kamakani Lynch (The University of Hawai'i System)

10:00-12:10

Panel: A Systems Approach to Sustainable Transport and Mobility Solutions

Moderator: Erika Palmer (Cornell); Panelists: Dale Brown (Hatch); Carrie Cabak (NSI Engineering, Inc.); Tom Lusco (Iteris, Inc.); Sarah Sheard (self employed); Marcel van de Ven (Heijmans Utiliteit b.v.)

13:30-14:15

Invited Content: No Lifeboat: Climate lessons from the middle of the Pacific

Jeff Mikulina, Erika Palmer

14:15-14:55

Engineering Sustainable Products with Collaborative Multi-Domain Modeling

Sky Matthews (IBM); Hans-Juergen Mantsch (Siemens); Eran Gery (IBM); Dave Wallace (Siemens); Gray Bachelor (IBM)

16:15-16:55

New Spaces, New Places: How Ses Influence and Impact in Our Changing Times

Donna Rhodes (Massachusetts Institute of Technology (MIT))

Tuesday, July 18

10:00-12:10

Panel: How can you help your area become a Smart City? Connect with the INCOSE Smart Cities Initiative

Moderator: Jennnifer Russell (Garver); Panelists: Jargalsaikhan Dugar (TUS Solution); Marcel van de Ven (Heijmans N.V.); Rael Kopace (Robotic Research, LLC)

15:30-16:55

Panel: Bringing a Knife to a Gun Fight: Systems Engineering for the Modern World

Panelists: David Long (Blue Holon); Jon Wade (University of California, San Diego); Duncan Kemp (Ministry of Defence); Erika Palmer (Cornell University)

Wednesday, July 19

13:30-14:55

Panel: Multi-Disciplinary Approaches to Addressing the Wicked Problems of Cyber-Physical-Social Systems

Panelists: Jon Wade (University of California, San Diego); Michael Bruno (University of Hawaii, Manoa); Olivier de Weck (MIT); Javier Calvo-Amodio (Oregon State University); Erika Palmer (Cornell); Hortense Gerardo (University of California, San Diego)

13:30-14:10

Think Like an Ecosystem: Transitioning Waste Streams to Value Streams

Sydney Lewark, Allison Lyle, Kristina Carroll, Casey Medina (Studio SE, Ltd.)

All times are HST

Sustainability Program Highlights

Thursday, July 20

08:00-08:40 **Managing Knowledge Transfer in Innovative Complex Systems Development: Case Study of Renewable Energy Project in the Oil and Gas Industry**
Yayun Chen (University of South-Eastern Norway); Yangyang Zhao (University of Oslo); Svein Kjenner (TechnipFMC); Kamrul Hasan (Technip FMC)

08:45-09:25 **Sustainability: A Complex System Governance Perspective**
Charles Keating (Old Dominion University); Polinpapilinho Katina (University of South Carolina Upstate); Joseph Bradley (Leading Change, LLC); Richard Hodge (DrRichardHodge.com)

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