Technical Leadership highlights

Whether or not you formally lead a team, all systems engineers are leaders as they work to elicit needs, connect insights, and facilitate a shared understanding of both problem and solution. Developing your leadership skills is an important part of being a systems engineer as you learn to better engage in the socio dimension of socio-technical problems. Leverage IS 2024 to advance your leadership knowledge, skills, and abilities to better address problems at the product, enterprise, and societal levels.

The Technical Leadership track on Thursday will be broadcast as will a few other presentations making them available to in-person and virtual delegates alike. Presentations that will be broadcast have been marked in the list below. Broadcast presentations are recorded and available from the app during the event and for four weeks post event. After the platform closes, watch any presentations missed or rewatch them all from the INCOSE Content Library.

In person (IST)

Tuesday, July 2

10:45-11:25 Systems Thinking: What Systems Engineers Need to Know
   Dr. Michael C Jackson
13:30-14:10 Promoting Neurodiversity Through MBSE and Other Technical Approaches
   Maria Romero
16:15-16:55 Embrace Yourself! Our Responsibilities and Competencies as Complex Problem Solvers
   Nicole Hutchison

Wednesday, July 3

08:00-09:30 Plenary Keynote speaker Dave Snowden will be addressing issues relevant to complexity and leadership
   Dave Snowden
   The Cynefin Center
   Director and Founder
13:30-14:55 Panel: What works and what does not work in teaching non-Systems Engineers about systems thinking
   Moderator: Jill Speece
   Panelists: Kamran Eftekhari Shahroudi, Martin Span, Kirk Reinholtz, Quentin Saulter, Sarwat Chappell, Graeme Troxel

Thursday, July 4 (Technical Leadership Track)

10:00-10:40 Perspective and Influence and Leverage, Oh My! Leadership for Systems Engineers
   David Long
10:45-11:25 A System Dynamics Model of Organizational Resilience
   Ivan Taylor
11:30-12:10 A Systems Engineering Approach to Driving the ‘Right’ Organizational Culture and Life at the Right Face
   Enanga Fale

Program subject to change - please check the symposium website (www.incose.org/symp2024) for any updates.
Thursday, July 4 (cont’d)

13:30-14:10  How Systems Thinking Provides the Foundation for A W-Shaped Model of an Effective Technical Leader
             Michael Wozniak

14:15-14:55  A Model for Trust and Distrust: The Systems Dynamics Approach
             Takashi Matsuura

15:30-16:10  Implications of Cultural Differences in the Systems Engineering Professional Competencies
             Heidi Hahn

16:15-16:55  Evolving Roles in Systems Engineering — Insights from Germany’s Mechanical and Plant Engineering Sector
             Lydia Kaiser, Felix Förster

Friday, July 5

13:30-14:55  Panel: Building Cultural Intelligence: The Role of Organizational Culture in Nurturing Leaders in Systems Engineering
             Moderator: Stueti Gupta
             Panelists: Alice Squires, Anabel Fraga, Javier Calvo-Amodio, Victoria Patterson

Saturday, July 6

08:00-17:00  Tutorial: Embracing the Social Dimension of Systems Engineering
             Suja Joseph-Malherbe, David Long

Program subject to change - please check the symposium website (www.incose.org/symp2024) for any updates.