



Open Forum on Complex Adaptive Systems (CAS)

Monday February 3, 2025

9:30 am – 12:00 pm EST (USA/Canada) | 3:30 pm – 6:00 pm CET (Seville, Spain)

6:30 am PST, 7:30 am MST, 8:30 am CST, 2:30 pm GMT, 8 pm IST, 10:30 pm SGT, 11:30 pm JST, 12:30 am AEST (4 Feb)

Overview: This session brings together practitioners and researchers with diverse backgrounds and from 10+ INCOSE WGs to exchange knowledge, information, and real-world examples related to Complex Adaptive Systems (CAS). It includes presentations and lightning talks, and attendee engagement through Q&A and an interactive panel. It opens with a ½ hour virtual Meet & Greet that coincides with the Networking Break at the IW2025 in Seville, Spain. There is content for attendees of all levels of CAS familiarity, and active WG members will learn about WG collaboration opportunities, including an INCOSE Multi-WG Workshop & Panel on Transdisciplinary Solutions at the CAS2025 Conference.

ADD TO CALENDAR

As an INCOSE member or guest you may attend this IW2025 meeting **AT NO COST** by clicking the above GREEN button to load the Zoom “Add to Calendar” ics meeting file (containing the Zoom “Join Meeting” link) onto your calendar. If this does not work on your device, use the Zoom “Join Meeting” link posted at www.incose.org/risk-management. You may also attend this meeting by registering for the full INCOSE IW2025 conference. See bottom-right of this page.

SAWG 3Feb2025 Multi-WG Mtg - jstein30Jan2025, Flyer v1

Session Agenda:

- 1 Networking and Virtual (Zoom) Meet & Greet: 30 minutes (3:30-4:00pm CET, 9:30-10:00am EST)
- 2 Featured Presentations and Panelist “Lightning” Talks: (not listed in final order, subject to change)
 - **Briefing on Complex Adaptive Systems (CAS) Conference, CAS2025 Program, and MIT Campus Conference Venue, Dr. Cihan Dagli** (CAS Conference Founder; Professor of Engineering Management and Systems Engineering, Missouri S&T Intelligent Systems Center; Director, INCOSE Midwest Gateway Chapter), **Dr. Haifeng Zhu** (The Boeing Co.; Co-Chair, CAS Conf; Chair, INCOSE Systems Adaptability WG); **Dr. Bryan Moser** (CAS2025 Conf. Co-Chair; Academic Dir. & Sr. Lecturer, MIT SDM; INCOSE MIT CAB Rep)
 - **Climate Change as a Complex Adaptive System, Wei-Jen Lee**, Professor, University of Texas at Arlington; IEEE Fellow; Invited Guest Speaker of the INCOSE Systems Adaptability WG.
 - **Power Grid Infrastructure Resiliency and Adaptability Using Microgrid Systems, John Juhasz**; President, Telepath Systems; Co-Chair, INCOSE Critical Infrastructure and Recovery (CIPR) WG; Chair, INCOSE Power & Energy Systems WG; Past-President, INCOSE Cleveland Northern-Ohio Chapter.
 - **How System Dynamics Can Support System Adaptability, Ivan W. Taylor**; President & Researcher of System Dynamics, Policy Dynamics Inc.; Member, INCOSE Natural Systems and Social Systems WGs; Past-Director (Membership, Secretary, and Treasurer), INCOSE Canada Chapter.
 - **Adaptations in Mission Systems, Paul Hershey**; Principal Fellow, Raytheon Technologies; and IEEE Fellow; Invited Guest Speaker of INCOSE Systems Adaptability WG.
 - **Adaptability as a Risk Mitigation Method, Jack Stein**; Co-Chair, INCOSE Risk Management WG
 - **CubeSat System Reference Model (CSRМ) and Adaptability, David Kaslow**; DEKaslow Consulting, LLC; Co-Chair, INCOSE Space Systems WG.
 - **IEEE Smart Cities Standard’s Usage of System Adaptability, Ray Barton**, VP/CTO Enercom Canada; Co-Chair, INCOSE System Adaptability WG, Past-President, INCOSE Canada Chapter.
- 3 Open Discussion / Format: Interactive Panel (Presenters + Lightning Talks + Attendees) – 30 minutes

REGISTRATION NOW OPEN

LEARN MORE

ATTEND FULL CONFERENCE

INCOSE **Complex Adaptive Systems Conference (CAS 2025)** MIT sdm system design & management



INCOSE IW2025

MIT Campus, Cambridge, MA, USA – March 5-7, 2025

Sat-Tues, Feb 1-4, 2025

Conference Website: <https://sites.mit.edu/cas2025/>

VIRTUAL PRICING – Starting at \$150 US