



# IEEE ISSE 2025

11<sup>th</sup> IEEE International Symposium on Systems Engineering  
ENSTA PARIS, Paris, France October 28-30, 2025



## CALL FOR PAPERS

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ENSTA PARIS

**Andy Chen**

Catronic Enterprise

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ISAE-SUPAERO

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**Jon Holt**

Cranfield University / Scarecrow

Consultants

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Technische Universität Berlin

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Universidad Politecnica de Madrid

**Gerrit Muller**

Universitette i Sørøst-Norge

**Asma Smaoui**

Université Paris-Saclay

This symposium seeks to create an interactive forum for the advancement of the practice of systems engineering across the multiple disciplines and specialty areas associated with the engineering of complex systems. The symposium will provide a venue for systems engineering practitioners, managers, researchers, and educators to exchange innovative concepts, ideas, applications and lessons learned addressing:

- » Applications-oriented topics on large-scale systems and systems-of-systems in topics noted below
- » Systems engineering, education, standards, processes and methodologies for the system-of systems environment
- » Research opportunities and results relating to systems-of-systems

### TOPICS

- » System Architecture and Architectural Frameworks
- » Systems-of-Systems
- » Resilient systems
- » Systems Reliability and Safety
- » Process Improvement
- » Service Oriented Architectures
- » Decision Analysis
- » Enterprise Systems Engineering
- » Agile Development Methods of System-of-Systems
- » System Analysis and Studies
- » MBSE/MBSA
- » Risk Management
- » Modelling and Simulation
- » Multidisciplinary Analysis and Optimization
- » Integration Verification Validation
- » Systems Engineering Competency, Education and Training
- » Program/Project Management for Complex Systems
- » Systems Thinking Benefits
- » Technology Transfer Between Academia and Industry
- » Societal and Political Impacts of Systems and Systems Design
- » Diagnostics, Prognostics, and Enterprise Health Management
- » Theoretical Foundations of SE
- » Systems Concepts and Integration
- » System-Level Design
- » Digital Twin
- » Human Systems Integration
- » AI and Systems Engineering
- » Product Line Engineering

### EXHIBITION AND INDUSTRY FORUM

- » Autonomous Systems
- » Power and Energy Systems
- » Space and Communications Systems
- » Transportation Systems
- » Defense systems
- » Robotics Swarms
- » Applied Vehicule Technology
- » Large-Scale Systems Integration
- » EU Projects

### ACADEMIC EDUCATION FORUM

### IMPORTANT DATES

**JUNE 3, 2025**

Special Session Proposals Deadline

**JULY 1, 2025**

Abstract (Industry papers), Manuscript (Academic/ Research Papers) Submittal

**AUGUST 12, 2025**

Acceptance Notification

**SEPTEMBER 3, 2025**

Final Paper Submission



PROPOSALS FOR SPECIAL SESSIONS ON THE SYMPOSIUM TOPICS ARE WELCOME.