21st Annual System of Systems Engineering Conference

Conference theme: The World as Systems of Systems

http://sosengineering.org/2026

Systems of Systems Engineering (SoSE) deals with situations where multiple independent systems interact. It has far-reaching impacts in engineering fields such as control, computing, communication, information technology, artificial intelligence, and data science. Its applications span critical domains including manufacturing, defense, national security, aerospace, aeronautics, energy, environment, healthcare, sustainability, and transportation.

The SoSE2026 theme, **The World as Systems of Systems**, highlights the growing interconnectedness of today's systems, where individual systems operate as part of larger, dynamic ecosystems. This perspective is essential for addressing complex global challenges, from energy and healthcare to defense and sustainability. By recognizing these interconnections, we can drive innovation, resilience, and impactful solutions across disciplines

We invite the submission of high-quality papers on theories, methodologies, and applications of Systems of Systems Engineering within science, technology, industry, education, and other fields.

Papers should be five to six pages in length, in standard two-column IEEE Conference Proceedings format. Detailed instructions for paper submission and format can be found on the conference web site.

Key dates for submissions

Special session proposals:	**Nov. 29, 2025**
Notification of special session:	**Dec. 13, 2025**
Papers & panels:	**5th Mar. 2026**
Notification, papers & panels:	**15th Apr. 2026**
Final manuscript:	**10th May 2026**

Organizers

General Chair
Satyanarayana Kokkula, University of South-Eastern Norway

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INCOSE and US industry liaison
Garry Roedler, INCOSE

Contact

For general inquiries about the conference, please contact the conference Chairs, Satyanarayana Kokkula (Satyanarayana.Kokkula@usn.no)

Maarten Bonnema (g.m.bonnema@utwente.nl)

Jakob Axelsson (jakob.axelsson@mdu.se)

Submission topics (non-exhaustive)

- Cyber-Physical systems and IoT
- Cyber Security
- Decision-making
- Health Care Systems Engineering
- Energy and Smart Grid Technologies
- Industry 5.0
- Agriculture 5.0
- Architecture, Design, and V&V methods
- Automotive SoSE
- Ocean Space (Maritime, Offshore, Subsea) Systems Engineering
- Defense, Space, and National Security
- Autonomous Vehicles
- Software-intensive SoSE
- Artificial Intelligence (AI) and Machine Learning (ML) in SoSE