May 26-29 Complutense University of Madrid , Spain

Annual Modeling and Simulation Conference (ANNSIM 2025) ,
Communication technologies and Networking Simulation (CNS) Track ,
Chairs:

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CNS track emphasizes the vital role of communications and networking in modern systems. While it initially centered on traditional computer networks, its scope now includes the Intelligent Internet of Things (IIoT), 5G/6G technologies, and smart telecommunication systems. The track also explores the transformative impact of Edge and Cloud computing, understanding their potential in shaping AI network-based systems for building the foundation and infrastructure of smart cities.

Whether it is experimental analysis, system optimization, artificial neural networks, using AI and Machine Learning in networking, or real-world case studies, all pertinent contributions that align with these themes (but not limited to the following topics) are warmly welcomed.

• AI and ML in communications, networking, and computer systems.

• Data Science, Big Data Analysis in communications, networking, and computer systems.

• 5G/6G and Beyond and enabling technologies, Device to Device communications, and network routing.

• Software Defined Networking and Network Function Virtualization.

• Edge/Fog/Cloud Computing, Distributed Systems, and Scalable Machine Learning Networks.

• Green and energy-efficient communications and networking.

- Cooperative communications and networking.
- Cognitive radio and networking, Future Radio Access Networks.
- Web social network modeling and simulation, socially aware networking and applications.
- Vehicular ad-hoc networks / connected vehicles.
- Traffic modeling and simulation of telecommunication systems and large-scale networks
- Trust and security in communications, networking, and computer systems and enabling technologies.
- Web-based systems and simulation of video analytics applications.
- Optical-Wireless communication and systems, Wireless ad-hoc Networks/ Wireless Sensor Networks/ Opportunistic Networks/ Peer-to-Peer networking and computations.
- Next Generation Internet of Things, smart cities, healthcare systems.

Submission Link: https://softconf.com/sim/ANNSIM25

IMPORTANT DATES

Paper Submission Deadline: January 19, 2025
Acceptance Notification: March 7, 2025
Camera-ready Version Deadline: March 26, 2025
Conference Program Announced: April 9, 2025

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