INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS

IJCNN2025

30 JUNE - 5 JULY 2025 | ROME, ITALY
PONTIFICAL GREGORIAN UNIVERSITY

Neural Networks were not built in a day

The IJCNN is a premier international conference in the area of neural networks theory, analysis and applications. Whether you are presenting your latest work, learning from experts, or networking with peers, IJCNN 2025 promises to be an unforgettable experience that will inspire and propel the AI and neural network community forward. We look forward to welcoming you in Rome!

CALL FOR PAPERS Prospective authors are invited to submit complete papers of no more than eight (8) pages in the IEEE two-column conference proceedings format. Further information is available at https://2025.ijcnn.org/.

Topics of interest include but are not limited to:

- » AI for Critical Infrastructures
- » AI for Education
- » AI for Neural Engineering
- » Brain-machine Interfaces
- » Cognitive Models
- » Collective & Ensemble Intelligence
- » Computational Neuroscience
- » Dynamic Neural Networks
- » Efficient and Tiny Neural Networks
- » Ethics and Regulation in AI
- » Generative AI Models
- » Graph Neural Networks
- » Interpretable and Explainable AI
- » Large Language Models
- » Large-Scale Neural Networks
- » Mixture of Experts
- » Modular Neural Networks
- » Neural Engineering
- » Neural Network Applications
- » Neural Networks for Sciences
- » Neuromorphic Systems
- » Neurosymbolic AI
- » Perceptual Neural Networks
- » Quantum Neural Networks
- » Reinforcement Learning
- » Representation & Reasoning
- » Reservoir & Echo-State Networks
- » Spiking Neural Networks
- » Theory of Neural Networks
- » Transformer Networks
- » Trustworthy and Reliable AI
- » Unsupervised Learning

SPECIAL TRACK IJCNN 2025 encourages paper submissions to the special track dedicated to "Human-AI interaction in creative arts and sciences".

J2C PAPERS IJCNN 2025 allows to present papers from selected journals.

CALL FOR TUTORIALS IJCNN 2025 will feature pre-conference tutorials, covering fundamental and advanced topics in AI and neural networks.

CALL FOR SPECIAL SESSIONS IJCNN 2025 solicits proposals for special sessions, within the technical scope of IJCNN 2025. Cross-fertilization of disciplines and emerging areas are strongly encouraged.

CALL FOR WORKSHOPS IJCNN 2025 will host half-day workshops on emerging topics in neural networks and AI.

CALL FOR COMPETITION PROPOSALS IJCNN 2025 will include competitions to stimulate research in neural networks.

IMPORTANT DATES

NOVEMBER 30, 2024
Special Session and Competition Proposals

JANUARY 5, 2025
Tutorial and Workshop Proposals

JANUARY 30, 2025
Regular Paper Submission Deadline

MARCH 31, 2025
Paper Acceptance Notification

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All Neural Network roads lead to Rome