



INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS

IJCNN 2025

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:

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

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IMPORTANT DATES

NOVEMBER 30, 2024

Special Session and
Competition Proposals

JANUARY 15, 2025

Regular Paper
Submission Deadline

JANUARY 5, 2025

Tutorial and Workshop
Proposals

MARCH 31, 2025

Paper Acceptance
Notification

All Neural Network roads lead to Rome