



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:

- | | |
|--------------------------------------|-----------------------------------|
| » 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 on 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.

HONORARY CHAIR

Tomaso Poggio, MIT, USA

GENERAL CHAIR

Danilo Comminiello, Sapienza University Rome, Italy

PROGRAM CHAIRS

Francesco Carlo Morabito, Univ. Mediterranea, Italy

Marley Vellasco, Pontifical Catholic Univ. Rio, Brazil

Aurelio Uncini, Sapienza University of Rome, Italy

TECHNICAL PROGRAM CHAIRS

Michele Scarpiniti, Sapienza University Rome, Italy

Barbara Hammer, Bielefeld University, Germany

Badong Chen, Xi'an Jiaotong University, China

PLENARY CHAIRS

Marco Gori, University of Siena, Italy

Justin Dauwels, TU Delft, Netherlands

TUTORIAL CHAIRS

Anthony Kuh, University of Hawai'i at Manoa, USA

Zhi (Gerry) Tian, George Mason University, USA

SPECIAL SESSION CHAIRS

Toshihisa Tanaka, Tokyo Univ. Agri. Tech., Japan

Eleonora Grassucci, Sapienza University Rome, Italy

Clive Cheong Took, Royal Holloway Univ. London, UK

WORKSHOP CHAIRS

Simone Scardapane, Sapienza University Rome, Italy

Mathilde Papillon, Univ. California S. Barbara, USA

COMPETITION CHAIRS

Yuki Mitsufuji, Sony AI, USA

Stefano Squartini, Univ. Politecnica Marche, Italy

Fabrizio Silvestri, Sapienza University Rome, Italy

INDUSTRY PROGRAM CHAIRS

G. Kumar Venayagamoorthy, Clemson Univ., USA

Emanuele Principi, Univ. Politecnica Marche, Italy

EDUCATION PROGRAM CHAIR

ZENGLIN Xu, Harbin Institute of Technology, China

STUDENT ACTIVITIES CHAIRS

Marcus Liwicki, Luleå Univ. Technology., Sweden

Irene Amerini, Sapienza University of Rome., Italy

AWARDS CHAIRS

Alessandro Sperduti, University of Padova, Italy

PUBLICATION CHAIR

Richard Duro, Universidad Coruña, Spain

PUBLICITY CHAIRS

Kai Qin, Swinburne University of Technology

Valerio Guarrasi, Univ. Campus Bio-Medico, Italy

FINANCE CHAIR

Chrisina Jayne, Teesside University, UK

LOCAL ORGANIZING CHAIR

Massimo Panella, Sapienza University of Rome, Italy

IMPORTANT DATES

NOVEMBER 15, 2024

Special Session and
Competition Proposals

JANUARY 15, 2025

Regular Paper
Submission Deadline

DECEMBER 15, 2024

Tutorial and Workshop
Proposals

MARCH 17, 2025

Paper Acceptance
Notification

All Neural Network roads lead to Rome