

FIRST ANNOUNCEMENT — CALL FOR PAPERS

ICANN'16

INTERNATIONAL CONFERENCE ON ARTIFICIAL NEURAL NETWORKS

www.ICANN2016.org

6–9 September 2016 | Universitat Politècnica de Catalunya, Barcelona, Spain

CONFERENCE FRAMEWORK

The International Conference on Artificial Neural Networks, ICANN, is the annual flagship conference of the European Neural Network Society, and a premier European event in all topics related to neural networks. The 2016 edition, which marks the 25th anniversary of the conference, is organised by the Universitat Politècnica de Catalunya in collaboration with the Universitat Pompeu Fabra (Barcelona, Spain).

ICANN 2016 welcomes contributions in the following areas:

Neural applications

- Intelligent robotics
- Neurorobotics
- Language processing
- Image processing
- Sensor fusion
- Pattern recognition
- Data mining
- Neural agents
- Brain-computer interaction
- Neural hardware
- Evolutionary neural networks

Machine learning

- Neural network theory
- Neural network models
- Graphical models
- Bayesian networks
- Kernel methods
- Generative models
- Information theoretic learning
- Reinforcement learning
- Relational learning
- Dynamical models

Brain inspired computing

- Cognitive models
- Computational neuroscience
- Self-organisation
- Reinforcement learning
- Neural control and planning
- Hybrid neural-symbolic architectures
- Neural dynamics
- Recurrent networks
- Deep learning

DEADLINES

Special session / workshop proposals	15th January 2016	Submission of demonstration proposals	1st March 2016
Proposals for competitions and tutorials	31st January 2016	Notification of acceptance	8th May 2016
Submissions of abstracts and papers	1st March 2016	Camera-ready paper and registration	15th May 2016

CONFERENCE PROCEEDINGS

Published in Springer-Verlag Lecture Notes in Computer Science.

ORGANISING COMMITTEE CHAIRS

General chair	Antonio J. Pons Rivero (UPC)
Honorary chair	Alessandro E.P. Villa (ENNS)
Local co-chairs	Jordi Garcia-Ojalvo (UPF), Paul Verschure (UPF)
Organising committee chairs	Daniel Malagarriga (UPC), Lara Escuain (UPC)
Communication chair	Paolo Masulli (ENNS)
ICANN 2016 Secretariat	Caroline Kleinheny (ENNS)

