

# CALL FOR PAPERS

# ICANN17

## 26<sup>TH</sup> INTERNATIONAL CONFERENCE ON ARTIFICIAL NEURAL NETWORKS

[www.ICANN2017.org](http://www.ICANN2017.org)

11 – 15 September 2017 | Alghero, Sardinia, Italy

The 26<sup>th</sup> 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 2017 edition is organised by the University of Sassari (Italy), University of Lausanne (Switzerland) and Universitat Pompeu Fabra (Barcelona, Spain).

ICANN 2017 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

### KEYNOTE SPEAKERS

Moshe Abeles (Bar-Ilan University)  
Elisabeth André (Universität Augsburg)  
Michele Giugliano (University of Antwerp)

Marco Gori (University of Siena)  
David Ríos Insua (ICMAT Madrid)

### DEADLINES

Special session / workshop proposals 1st March 2017  
Submission of demonstration proposals 1st March 2017  
**Submissions of abstracts and papers 3rd April 2017**

Notification of acceptance 15th May 2017  
Camera-ready paper and registration 28th May 2017

Students can apply for travel grants sponsored by ENNS.

### CONFERENCE PROCEEDINGS

Published in Springer-Verlag Lecture Notes in Computer Science.

### ORGANISING COMMITTEE CHAIRS

General chair Alessandro E.P. Villa (ENNS, Lausanne)  
General co-chairs Alessandra Lintas (Lausanne), Věra Kůrková (ENNS)  
Stefano Rovetta (Genoa), Paul F.M.J. Verschure (UPF)  
Local organisers Eugenio Lintas (Sassari), Anna Mura (UPF)  
Communication chair Paolo Masulli (ENNS)

