

May 14–19, 2017

Anchorage, Alaska, USA

The 2017 International Joint Conference on Neural Networks will be held at the William A. Egan Civic and Convention Center in Anchorage, Alaska, USA, May 14–19, 2017. The conference is organized jointly by the International Neural Network Society and the IEEE Computational Intelligence Society, and is the premiere international meeting for researchers and other professionals in neural networks and related areas.

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The range of topics covered include, but is not limited to, the following.
(See <http://ijcnn.org> for a more detailed list of topics).

- Deep learning
- Neural network theory & models
- Computational neuroscience
- Cognitive models
- Brain-machine interfaces
- Embodied robotics
- Evolutionary neural systems
- Neurodynamics
- Neuroinformatics
- Neuroengineering
- Hardware, memristors
- Neural network applications
- Machine perception (vision, speech, ...)
- Social media
- Big data
- Pattern recognition
- Machine learning
- Collective intelligence
- Hybrid systems
- Self-aware systems
- Data mining
- Sensor networks
- Agent-based systems
- Computational biology
- Bioinformatics
- Artificial life
- Connectomics
- Philosophical issues

The conference will feature:

- Contributed technical talks and posters of latest research.
- Plenary lecturers by leading researchers in neural networks and related fields.
- Special sessions covering topics of active current interest.
- Pre-conference tutorials and post-conference workshops by experts.
- Challenging competitions on applying neural networks to hard computational problems.

Submission Deadlines:

Special session proposals:	September 15, 2016
Competition proposals:	September 15, 2016
Tutorial & workshop proposals:	October 15, 2016
Paper submission:	November 15, 2016

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