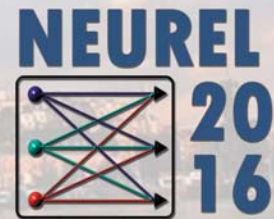




# Call for Papers

2016 13th Symposium on Neural Networks and Applications (NEUREL)  
November 22–24, 2016, Sava Center, Belgrade, Serbia  
<http://neurel.etf.bg.ac.rs>



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## 13<sup>th</sup> Symposium NEUREL 2016

Organized by IEEE Serbia and Montenegro (S&M) SP/CAS Joint Chapter, and IEEE S&M Section, in cooperation with the Innovation Center and the School of Electrical Engineering, University of Belgrade, Serbia, and Telecommunications Society, Serbia, partially supported by Serbian Ministry of Education, Science and Technological Development, technically co-sponsored by IEEE Region 8.

The NEUREL Symposia started in 1990 as biannual scientific meetings and they cover all aspects of artificial neural networks (NNs) and fuzzy systems, from their theoretical foundations to applications. The main topics, including but not limited to the following technical areas, are invited:

1. Algorithms and models	2. Realizations	3. Applications
1.1 Learning methods	2.1 Feedforward networks	3.1 Signal and image processing
1.2 Cognitive sciences	2.2 Recurrent neural networks	3.2 Robotics and control systems
1.3 Genetic algorithms	2.3 Self-organizing networks	3.3 Measurement and intelligent devices
1.4 Deep and machine learning	2.4 Cellular neural networks	3.4 Data, text, multimedia mining
1.5 Computational neuroscience	2.5 Sensor networks and remote sensing	3.5 Communications and multimedia
1.6 Bayesian models	2.6 Molecular and quantum computing	3.6 Feature extraction and retrieval
1.7 Fuzzy systems	2.7 Fuzzy neural networks	3.7 Pattern recognition and classification
1.8 Bio-inspired systems	2.8 Optoelectronic neural networks	3.8 Bioinformatics and medical diagnosis
1.9 Complex systems and chaos	2.9 Implementations in mobile devices	3.9 Time series forecasting
1.10 Fractals and multifractals	2.10 Brain-machine interfaces	3.10 Power systems control

The symposium also welcomes contributions in statistical learning algorithms, text-web analysis, biological and machine vision, and man-machine interfaces. Topics in speech, image and signal processing, classification, and process control, which are not strictly related to NNs, are of interest too.

**Submission procedure:** Camera ready papers in electronic form (PDF or MS word formats) describing original research and development work related to the Symposium's topics, should be prepared according to the NEUREL template in ISO A4 format (210mm x 297mm), in two-columns with 5mm space between columns and with 20mm margins in all four sides. Text should be written in English, using Times New Roman 10 points font style. Four pages are encouraged and should not exceed six pages, including figures, tables, and references. Template for NEUREL 2016 conference papers will be added to the NEUREL site.

**Accepted papers** will be published in the Proceedings of the NEUREL-2016 (hard copy and electronic version).

**Selected papers** will be published in a special issue of the Journal of Automatic Control

### Important dates

Proposals for special sessions, tutorials and plenary talks	May 25, 2016
Paper submission	August 31, 2016 <b>September 20, 2016</b>
Notification of acceptance	October 10, 2016 <b>October 20, 2016</b>
Camera-ready papers	October 20, 2016 <b>October 31, 2016</b>
Conference date	November 22–24, 2016

### NEUREL 2016 Conference Secretariat

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