

Bulletin of the Polish Academy of Sciences: Technical Sciences (BPASTS)

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Call for Papers

Special Section on

Deep Learning: Theory and Practice

Theme: Deep learning methods continue to dominate the field of machine learning, and are now important in many research areas, including AI. Thanks to increasing computational power of computers and development of new architectures of neural networks, the research in this area is greatly accelerated. Therefore, we invite researchers working in this area to submit their papers with latest results to this Special Section. Topics of interest include (but are not limited to) the following topics:

- theoretical aspects of deep machine learning,
- applications of deep learning neural networks in signal and image processing,
- bioengineering applications of deep learning.

Manuscript preparation and submission

The BPAST journal is a leading Polish multidisciplinary journal with the actual IF=1.156. All manuscripts must be submitted through Editorial System (ES) at webpage: <http://www.editorialsystem.com/bpasts>. Submission must be clearly marked as type "Special Section on Deep Learning" in the ES and on the cover page. Check carefully the style of the journal and use the template given in the "Information for Authors" on the website of ES.

Conference and Workshop papers may be submitted for consideration to BPASTS Special Section provided that: (1) the authors cite their earlier conference paper on which this new work is based, (2) the papers are not identical (similarity index must be below 50%), (3) the journal publication includes clearly shown novel elements (e.g., more comprehensive experiments).

The flat fee of 1230 PLN (approximately 300 EUR) per paper, up to 8 double-column pages, will be required after acceptance of the paper. Mandatory over-length charges of 200 PLN (approximately 50 EUR) per page in case the paper exceeds 8 printed double-column pages for regular research papers. In addition, each color page will be charged an additional fee according to the current cost of printing. Otherwise, the paper will be printed in black-white. However, the electronic version will be in color.

Important Dates

- Full paper Submission Deadline: 15 December, 2017
- Expected Publication Date: May 2018

Guest Editors:

- Prof. Andrzej Cichocki, RIKEN, Japan
- Prof Tomassio Poggio, MIT, USA
- Prof. Stanislaw Osowski, Warsaw University of Technology, Poland
- Prof. Victor Lempitsky, Skoltech, Russia

Editor-in-Chief

- Prof. Tadeusz Kaczorek, Full Member of the Polish Academy of Sciences