

IEA/AIE 2016
**The 29th International Conference on Industrial, Engineering & Other Applications of Applied
Intelligent Systems**

August 2-4, 2016, Morioka, JAPAN

<http://ieaaie2016.iwate-pu.net/>

Special Session Call for Papers
IEAAIE2016 Special Session on

Special Session 1: On Applied Neural Networks

<p>Special Session Organizers:</p> <p>Hitoaki Yoshida Iwate University, Japan E-mail: hitoaki@iwate-u.ac.jp</p> <p>Hamido Fujita Iwate Prefectural University (IPU), Japan E-mail: issam@iwate-ppu.ac.jp</p>	<p>Introduction/Call for Papers</p> <p>In recent years, novel studies on Neural Networks have attracted worldwide attention again, and entered upon a next stage of development. The studies are expected to play an important role in Applied Intelligent Systems. The typical example is the Neural Networks in Deep Learning. In this special session we mainly discuss on the practical research for advanced application of Neural Networks to various fields. It has been also important to develop various methods of implementation of Neural Networks, for examples, implementation with a custom IC or FPGA.</p> <p>Specific topics of interest for this special session cover various facets of Applied Neural Networks under practical conditions, including, but not limited to, the following:</p> <p>Topics</p> <p>Study on Artificial Neural Networks related to Information Security, Complex System, Complex Networks, Emotion Recognition, KANSEI Informatics, Advanced Classification, and Advanced Learning Algorithm. Otherwise, implementation of huge scale Neural Networks, implementation of Neural Networks with a custom IC or FPGA, and implementation of highly parallel Neural Network Programs with GPGPU or a parallel computer system.</p> <p>Important Dates</p> <p>Jan 6, 2016: Paper submission due. Mar 15, 2016: Notification of Acceptance. Apr 15, 2016: Final camera-ready form and registration</p> <p>Submission</p> <p>Manuscripts for a Special Session should NOT be submitted in duplication to any other regular or special sessions and should be submitted to IEAAIE main conference online submission system on IEAAIE 2016 conference website. All submitted papers of Special Sessions have to undergo the same review process (two to three completed reviews per paper). The technical reviewers for each Special Session paper will be members of the IEAAIE 2016 Program Committee or qualified peer-reviewers to be nominated by the Special Session organizers.</p> <p>Submission is : https://cmt.research.microsoft.com/IEAAIE2015/</p> <p>Please select track: <u>Special session 1</u></p>
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