

Call for Papers

Special Session on **Applications of Neural Networks in Electronic Engineering**

http://www.sumo.intec.ugent.be/?q=isnn2008_EEsession

at

Fifth International Symposium on Neural Networks

<http://www2.mae.cuhk.edu.hk/~isnn2008>

September 24-28, 2008, Beijing, China

Scope:

Artificial Neural Networks (ANNs) are successfully used for the design and analysis of state-of-the-art electrical and electronic systems and components.

This session will highlight various applications of artificial neural networks in different fields of electrical and electronic engineering, and will bring together leading researchers and practitioners from industry and academia to assess the current state and identify new directions. We welcome all papers describing new and original results in this field, and papers providing state-of-the-art overview of a sub-area in the field.

Topics of interest include, but are not limited to:

- Neural and Fuzzy Systems in circuit simulation
- Computational modelling techniques in Electromagnetics
- Design and optimisation
- Surrogate modeling techniques of passive and active devices
- New applications of numerical techniques in Electrical Engineering

Organizers:

- Professor Tom Dhaene,
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- Professor Qi-Jun Zhang,
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Publications:

Papers presented at ISNN2008 will be published in Springer Lecture Notes in Computer Science (LNCS) and will be indexed by EI Compendex. Selected papers will be included in special issues of several journals.

- Paper submission deadline, by **April 15, 2008**