

Call for Papers

2011 IEEE International Conference on Fuzzy Systems
June 27–30, 2011, Taipei, Taiwan

SS19: Special Session on Fuzzy Inference Systems - Theory and Applications

Objectives and Scope

Since Mamdani applied the concept of fuzzy reasoning to a steam engine experimental device, relevant research and applications in Fuzzy Inference Systems (FIS) have been executed in various fields, and played a significant role in its applications. However, a number of research issues and open questions still remain. The aim of this Special Session is to develop and clarify FIS. Topics of interest within the scope of this Special Session include, but are not limited to, the following areas:

- Type-1 and Type-2 Fuzzy Inference Systems
- Approximate Reasoning,
- Fuzzy Neural Networks
- Evolving Fuzzy Systems
- Multi-objective Approaches for FIS
- Optimization
- Application to control, diagnosis, prediction, decision support, planning, etc.

Important Dates

Paper submission	January 15, 2011
Notification of acceptance	March 31, 2011
Final paper submission	April 30, 2011

Submission Guideline

The submission deadline is the same of the FUZZ-IEEE2011. As for the submission guideline, please see the following Instruction for Authors.

<http://fuzziieee2011.nutn.edu.tw/instructions.htm>

In the submission webpage, please be sure to select “SS19. Special Session on Fuzzy Inference Systems - Theory and Applications.”

Chair and Contact

Hirosato Seki

Osaka Institute of Technology, Japan

e-mail: h_seki@ieee.org