

2011 IEEE International Conference on Fuzzy Systems
Grand Hyatt Taipei, Taipei, Taiwan

Call for Papers: Software Engineering with Computational Intelligence

Submission Deadline: January 15, 2011

This session aims at exploring how the latest technologies developed in computational intelligence can be extended and applied to software engineering. The research issues include how this recent confluence of software engineering and computational intelligence provides a powerful tool to address the increasing demand for complex applications in diversified areas, the ever-increasing complexity and size of software systems, and the inherently imperfect nature of the information.

Topics of interest include, but are not limited to theory and application of extending computational intelligence to various phases in software life cycles, such as

- Managing fuzziness resident in the requirements,
- Coping with fuzzy objects and imprecise knowledge,
- Handling uncertainty encountered in quality prediction,
- Modeling software systems with fuzzy concept and formal method,
- Software size estimation with fuzzy logic,
- Fuzzy logic in project management,
- Quality evaluation with fuzzy logic.

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