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## Special Session: "Many-valued Logics Behind Computational Intelligence"

**ORGANISERS:**
Pietro Codara (IIIA-CSIC)
Lluís Godo (IIIA-CSIC)
Diego Valota (DI-UNIMI)

**Paper Submission Deadline
July 16, 2017**

Many-valued logics are a key mathematical tool for the formal description and management of fuzzy and uncertain information. In the last decades, the study of these logical systems has seen a bloom of new research related to the most varied areas of mathematics and applied sciences.

This special session is devoted to the most recent development in the realm of many-valued logic, with particular emphasis on theoretical advances related to algebraic or alternative semantics, combinatorial aspects, topological and categorical methods, and proof theory. Contributions concerned with probability theory in a non-classical logical setting will also be appreciated. Further, a special attention is also given to connections and synergies between many-valued logics and other different formal approaches to deal with incomplete information, such as Rough Sets, FCA and relational methods, and Game Theory.        For more information: http://www.ele.uri.edu/ieee-ssci2017/