

## Mathematical Fuzzy logic

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## **Description:**

This special session is devoted to the most recent developments of Mathematical Fuzzy Logic. Thus, to formal fuzzy logics from a mathematical point of view. We encourage particular emphasis on theoretical advances related to many-valued logics, algebraic semantics, combinatorial aspects, topological and categorical methods, proof theory and game theory, many-valued computa0on, many-valued logics and finite model theory, many-valued logics and Al. This special session is dedicated to Franco Montagna (1948- 2015), an important figure in the area of Mathematical Fuzzy Logic.