

## Mathematical Fuzzy logic

## **Organizers:**

Matteo Bianchi, Department of Computer Science "Giovanni degli Antoni", Università degli Studi di Milano, matteo.bianchi@unimi.it

Tommaso Flaminio, IIIA-CSIC, Barcelona, tommaso@iiia.csic.es

Amanda Vidal, IIIA-CSIC, Barcelona, amanda@iiia.csic.es

## **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 computation, many-valued logics and finite model theory, many-valued logics and AI. This special session is dedicated to Franco Montagna (1948- 2015), an important figure in the area of Mathematical Fuzzy Logic.