

International Conference FSMOA 2016

Fuzzy Sets, Multivalued Operations, and Applications to Social Sciences

September 8 - 10, 2016, University of Chieti-Pescara, Italy

Organizers: Department of Business Administration, Mathesis of Pescara, APAV.

Halls of the conference: Department of Business Administration, University of Chieti-Pescara,

Viale Pindaro 42, 65127 Pescara.

Program in English (Draft no 8)

September 8, 15.00 – 20.00, Department of Business Administration

15.00 Registration of participants

15:30 Greetings from the Director of the Department of Business Administration (Prof. Augusta Consorti), the Presidents of Degrees and representatives of Mathesis and APAV

16.00 Gabriele Di Francesco, *The cluster analysis in sociological research*

16.40 Vincenzo Corsi, *Fuzzy sets and sociological research: knowledge of social phenomena*

17.20 Coffee break

17.40 Sarka Hoskova-Mayerova and Antonio Maturo, *Fuzzy sets in social sciences*

18.20 Valentina Savini, *The social distance between the two comparative quarters*

18:50 David Ferrante, *The decision variables in the local police actions*

19.20 Simone D'Alessandro, *Understand the social and relational systems "hybrids" through the fuzzy logic*

September 9, 09.00-19.00, Department of Business Administration

9.00 Piergiulio Corsini, ***New research on connections between hypergroups and HX-groups***

10.00 Violeta Fotea, ***Applications of hyperstructures***

10.40 Coffee break

11.10 Antonio Maturo and Fabrizio Maturo, ***Possible approaches to the fuzzy probability***

11:50 Domenico Lenzi, ***Connection between associative multivalued operations and projective geometry***

12.30 Lunch Break

15.00 Ferdinando Casolaro and Franco Eugeni, ***Geometries on double real algebra of hyperbolic numbers***

15:40 Fabrizio Maturo, ***Fuzzy regression for the study of business phenomena***

16.20 Coffee break

16.50 Barbara Ferri, ***Fuzzy sets and Decisions in Social Sciences and Architecture***

17.30 Serena Sanseviero, Aldo Ventre and Antonio Maturo, ***Applications of fuzzy decision making***

18.10 Debate

September 10, 09 -13, Department of Business Administration

9.00 Aldo Ventre, ***Knowledge and Fuzziness***

9.40 Fernando Cipriani, ***Semantic uncertainty in the literature and in social sciences***

10.20 Coffee break

10.40 Luciana Delli Rocili and Antonio Maturo, ***Interdisciplinarity, randomness and fuzzy reasoning in the first cycle of education***

11.20 Anna Maria Di Poccio, ***Fantasies and fables into a fantastic fuzzy world***

11.50 Ezio Sciarra, ***Sociological knowledge and fuzzy quality and sets to multiple values***

12.30 Panel discussion on "***Fuzzy sets in the social sciences and in education***".