Monday, June 19th   **(Room G110, building G)**

08:30-09:00 Registration
09:00-09:30 Opening
09:30-10:30 **Plenary**
     Chair: Bernard De Baets
   Aggregation operators in Information Retrieval
   Gabriella Pasi,
10:30-11:00 **Coffee**
11:00-12:00 **Session. Relations and Orders**
     Chair: Michal Baczynski
   Some results about fuzzy consequence operators and
    fuzzy preorders using conjunctors
   Carlos Bejines, María Jesús Chasco, Jorge Elorza, Susana Montes
   A novel approach to construct intuitionistic fuzzy T-equivalence
    relations and their applications to intuitionistic fuzzy
    clustering
   Hongying Zhang
   k-maxitivity of order-preserving Homomorphisms of lattices
   Radko Mesiar, Anna Kolesárová
12:00-13:30 **Lunch**
13:30-14:30 **Plenary**
     Chair: Vicenç Torra
   The role of aggregation functions on auctions.
   Beatriz López
14:30-15:30 **Session. Aggregation theory I**
     Chair: *Martin Kalina*
   On the aggregation of Zadeh's Z-numbers based on
    discrete fuzzy numbers
   Sebastià Massanet, Juan Vicente Riera, Joan Torrens
   Aggregation over property-based preference domains
   Marta Cardin
   Directional and Ordered Directional Monotonicity of
    Mixture Functions
   Jana Špirková, Gleb Beliakov, Humberto Bustince, Javier Fernández
15:30-16:00 **Coffee**
16:00-16:40 **Session. Non-additive measures and integrals I**
     Chair: Marta Cardin
   Sizes, super level measures and integrals
   Lenka Halčinová
   Aggregation functions, similarity and fuzzy measures
   Surajit Borkotokey, Magdalena Komornikova, Jun Li, Radko Mesiar

Tuesday June 20th   (Room G110, building G)

08:10-09:30 Plenary
> Chair: Radko Mesiar

The fusion of uncertain information: principles and examples
of merging rules across uncertainty theories
Didier Dubois

09:30-10:30 Session. Aggregation theory II
> Chair: *Juan Vicente Riera*

A generalization of the Gravitational Search Algorithm
*Humberto Bustince, Maria Minárová, Javier Fernandez,
Mikel Sesma-Sara, Cedric Marco-Detchart,
Javier Ruiz de Aranguren*
On Stability of Families for Improper Aggregation Operators
Pablo Olaso, Karina Rojas, Daniel Gomez, Javier Montero
Monotonicity in the construction of ordinal sums of
fuzzy implications
M. Baczynski, P. Drygas, R. Mesiar

10:30-11:00 Coffee

11:00-12:00 Session. Aggregation and applications
> Chair: Daniel Ruiz-Aguilera

CMin-integral: a Choquet-like aggregation function based on
the Minimum t-norm for applications to Fuzzy Rule-Based
Classification System
*Graçaliz Pereira Dimuro, Giancarlo Lucca, José António Sanz,
Humberto Bustince, Benjamín Bedregal*
Generating recommendations in GDM with an allocation of
information granularity
*Francisco Javier Cabrerizo, Juan Antonio Morente-Molinera,
Sergio Alonso, Ignacio Javier Pérez, Raquel Ureña,
Enrique Herrera-Viedma*
On the visualization of discrete non-additive measures
Juhee Bae, Elio Ventocilla, Maria Riveiro, Vicenç Torra

12:00-13:30 Lunch

13:30-14:30 Plenary
> Chair: Vicenç Torra

Geometric analysis on Cantor sets and trees
Jana Björn

14:30-15:10 Session. Copulas
> Chair: Marek Gagolewski

On some applications of Williamson's transform in copula theory
Tomas Bacigal
Families of perturbation copulas generalizing the FGM family
and their relations to dependence measures
Jozef Komornik, Magdalena Komornikova, Jana Kalicka

15:10-15:40 Coffee

15:40-16:20 Session. Non-additive measures and integrals II
> Chair: Jun Li

Capacities, survival functions and universal integrals
R. Mesiar and A. Stupnanova
On distances on non-additive measures: A survery of results
Vicenç Torra, Yasuo Narukawa, Michio Sugeno

Wednesday, June 21st   (Room G110, building G)

08:10-09:30 **Plenary**
      Chair: Bernard De Baets
    Aggregation of multidimensional data: a review
    Marek Gagolewski
09:30-10:30 **Session. Aggregation theory III**
      Chair: *Emel AŞICI*
    Generalization of Czogala-Drewniak Theorem for n-ary semigroups
    Gergely Kiss, Gábor Somlai
    Point-interval-valued sets: aggregation and construction
    Slavka Bodjanova, Martin Kalina
    On the construction of associative, commutative and increasing
      operations by paving
    Wenwen Zong, Yong Su, Hua-Wen Liu, Bernard De Baets
10:30-11:00 **Coffee**
11:00-12:00 **Session. Norms**
      Chair: József Dombi
    Some remarks on idempotent nullnorms on bounded lattices.
    Gül Deniz Çaylı, Funda Karaçal
    On idempotent discrete uninorms
    Miguel Couceiro, Jimmy Devillet, Jean-Luc Marichal
    On the F-partial order and equivalence classes of nullnorms
    Emel AŞICI
12:00-13:30 **Lunch**
13:30-14:30 **Plenary**
      Chair: Didier Dubois
    A monometric-based approach to data aggregation
    Bernard De Baets
15:30-23:00 **Excursion and dinner**

Thursday, June 22nd   (Room G110, building G)

09:10-10:10 **Plenary**
      Chair: Radko Mesiar
    Generating clones of aggregation functions on bounded lattices
    Radomír Halas
10:10-10:40 **Coffee**
10:40-12:00 **Session. Implications**
      Chair: Radko Mesiar
    On Implication Operators
    József Dombi
    On some classes of RU-implications satisfying U-Modus Ponens
    Margalida Mas, Daniel Ruiz-Aguilera and Joan Torrens
    Using uninorms and nullnorms to modify fuzzy implication functions
    Isabel Aguiló, Jaume Suñer, Joan Torrens
    Aggregating Fuzzy Subgroups and T-vague Groups
    D. Boixader, G. Mayor and J. Recasens
12:00-13:30 **Lunch**