



# 5<sup>th</sup> School on Belief Functions and Their Applications

## Program

\*Practical session which requires a laptop with the **R software** and an IDE such as **RStudio** installed.

	Sunday, 27 <sup>th</sup>	Monday, 28 <sup>th</sup>	Tuesday, 29 <sup>th</sup>	Wednesday, 30 <sup>th</sup>	Thursday, 31 <sup>st</sup>
08:00					
08:30		Breakfast	Breakfast	Breakfast	Breakfast
09:00		Belief functions and uncertainty theories Didier Dubois	Classification and clustering using belief functions Thierry Denoeux	Graphical models for belief functions Prakash Shetye	Belief functions in decision theory Barbara Vantaggi
09:30					
10:00					
10:30					
11:00		Coffee break	Coffee break	Coffee break	Coffee break
11:30		Rough sets and belief functions Davide Ciucci	On the implementation of belief functions Arnaud Marin	Distances and conflict between belief functions Anne-Laure Jousset	Multi-criteria decision-making support with belief functions Jean Dezert
12:00	Registration				
12:30					
13:00		Lunch	Lunch	Lunch	Lunch
13:30			Social Activity		
14:00	Introduction to belief functions Thierry Denoeux	Methods for building belief functions Thierry Denoeux		Prejudiced information fusion using belief functions Didier Dubois	
14:30				Coffee break	
15:00				Panel discussion	
15:30	Coffee break	Coffee break		Posters	
16:00	Belief functions and boolean inference: basics, computational challenges and applications Sébastien Destercke	Information correction and fusion using belief functions Frédéric Pichon		BFAS general assembly	
16:30		Posters			
17:00					
17:30					
18:00					
18:30					
19:00					
19:30	Dinner	Dinner	Dinner	Dinner	