

Monday, October 17

8:30–8:50	Coffee, tea and “croissants”
8:50–9:05	Opening Florence Dupin de Saint-Cyr, Meltem Öztürk-Escoffier, Nico Potyka
9:05–9:50	Decision under uncertainty Christophe Gonzales, <i>Aix Marseille Université</i>
	Session: Decision Making
9:50–10:15	Decision making under severe uncertainty on a budget Nawapon Nakharutai, Sébastien Destercke and Matthias Troffaes
10:15–10:40	An improvement of Random Node Generator for capacity generator Peiqi Sun, Michel Grabisch and Christophe Labreuche
10:40–11:10	Coffee break
11:10–11:55	Dealing with imperfect knowledge in natural hazard assessments: beyond classical probabilities and challenges Jeremy Rohmer, <i>BRGM</i> (chair: Giuseppe Sanfilippo)
	Session: Imprecision (chair: Giuseppe Sanfilippo)
11:55–12:20	Using atomic bounds to get sub-modular approximations Sébastien Destercke, Agnes Rico and Olivier Strauss
12:20–12:40	Towards a unified view on logics for uncertainty Esther Anna Corsi, Tommaso Flaminio and Hykel Hosni
12:40–13:00	Extending the macsum aggregation to interval-valued inputs Hmidy Yassine, Rico Agnès and Strauss Olivier
13:00–14:00	Lunch
	Session: NMR (chair: Lluis Godo)
14:00–14:25	Characterizing Multipreference Closure with System W Jonas Philipp Haldimann and Christoph Beierle
14:25–14:50	Iterated conditionals, trivalent logics, and conditional random quantities Lydia Castronovo and Giuseppe Sanfilippo
14:50–15:15	Towards a Principle-based Approach for Case-based Reasoning Leila Amgoud and Vivien Beuselinck
15:15–15:40	From Forgetting Signature Elements to Forgetting Formulas in Epistemic States Kai Sauerwald, Gabriele Kern-Isberner, Alexander Becker and Christoph Beierle
15:40–16:10	Coffee break
16:10–16:55	Data Lakes: a new Paradigm for Data Platforms and current Challenges Anne Laurent, <i>Université de Montpellier</i> (chair: Meltem Öztürk-Escoffier)
16:55–17:55	Cognitive Logics, and the Relevance of Nonmontonic Formal Logics for Human-Centred AI Gabriele Kern-Isberner, <i>Technische Universität Dortmund</i> (chair: Meltem Öztürk-Escoffier)
17:55–18:05	Welcome from the president of Dauphine University

Tuesday, October 18

8:30–9:00	Coffee, tea and “croissants”
	Session: Inconsistency (chair: Jonas Haldimann)
9:00–9:25	A capacity-based semantics for inconsistency-tolerant inferences Didier Dubois and Henri Prade
9:25–9:50	An approach to inconsistency-tolerant reasoning about probability based on Łukasiewicz logic Tommaso Flaminio, Lluís Godo and Sara Ugolini
9:50–10:15	A Comparison of ASP-Based and SAT-Based Algorithms for the Contension Inconsistency Measure Isabelle Kuhlmann, Anna Gessler, Vivien Laszlo and Matthias Thimm
10:15–10:30	Identifying and repairing inconsistencies in preference elicitation Loïc Adam and Sébastien Destercke
10:30–11:00	Coffee break
11:00–11:45	How to use bibliometric indices (if you really must) Denis Bouyssou, <i>CNRS, Université Paris Dauphine</i> (chair: Kai Sauerwald)
	Session: Preferences and Social Choice (chair: Kai Sauerwald)
11:45–12:10	A Non-Utilitarian Discrete Choice Model for Preference Aggregation Martin Durand, Fanny Pascual and Olivier Spanjaard
12:10–12:35	Selecting the most relevant elements from a ranking over sets Sébastien Konieczny, Stefano Moretti, Ariane Ravier and Paolo Viappiani
12:35–13:00	Explanation of Pseudo-Boolean Functions using Cooperative Game Theory and Prime Implicants Christophe Labreuche
13:00–14:00	Lunch
14:00–14:15	Tackling Uncertainty in Coalitional Games Jean-Paul Doignon, Stefano Moretti and Meltem Öztürk (chair: Sébastien Destercke)
14:15–15:00	An introduction to discrete robust optimization Michael Poss, <i>CNRS, Université de Montpellier</i> (chair: Sébastien Destercke)
15:00–15:45	A Glimpse into Statistical Relational AI: The Power of Indistinguishability Tanya Braun, <i>University of Münster</i> (chair: Sébastien Destercke)
15:45–16:15	Coffee break
16:15–17:15	Learning Argumentation Frameworks Francesca Toni, <i>Imperial College London</i> (chair: Florence Dupin de Saint-Cyr)
19:30–23:00	Cruise on the Seine River and Gala dinner

Wednesday, October 19

8:30–9:00	Coffee, tea and “croissants”
9:00–9:45	Faithful Geometric Models for Integrating Learning and Reasoning Diedrich Wolter, <i>University of Bamberg</i> (chair: Tanya Braun)
	Session: Classification (chair: Tanya Braun)
9:45–10:10	Levelwise Data Disambiguation by Cautious Superset Classification Julian Rodemann, Dominik Kreiss, Eyke Hüllermeier and Thomas Augustin
10:10–10:30	Explaining robust classification through prime implicants Hénoïk Willot, Sébastien Destercke and Khaled Belahcene
10:30–11:00	Coffee break
	Session: Learning and Explaining (chair: Isabelle Kuhlmann)
11:00–11:25	Logical proportions-related classification methods beyond analogy Myriam Bounhas and Henri Prade
11:25–11:50	Defining and Enforcing Descriptive Accuracy in Explanations: the Case of Probabilistic Classifiers Emanuele Albin, Antonio Rago, Pietro Baroni and Francesca Toni
11:50–12:15	Using analogical proportions for explanations Suryani Lim, Henri Prade and Gilles Richard
12:15–12:35	Analogical proportions, multivalued dependencies and explanations Sebastian Link, Henri Prade and Gilles Richard
12:35–12:50	Learning Non-Parametric Copula Bayesian Networks using Mutual Information Marvin Lasserre, Régis Lebrun and Pierre-Henri Wuillemin
12:50–13:50	Lunch
13:50–14:50	Surfing the waves of explanation Silja Renooij, <i>Utrecht University</i> (chair: Nico Potyka)
14:50–15:35	On Incompleteness in Abstract Argumentation: Complexity and Expressiveness Jean-Guy Mailly, <i>Université Paris Cité</i> (chair: Nico Potyka)
15:35–16:05	Coffee break
	Session: Learning (chair: Antonio Rago)
16:05–16:30	Learning from imbalanced data using an evidential undersampling-based ensemble Fares Grina, Zied Elouedi and Eric Lefevre
16:30–16:55	Non-specificity-based Supervised Discretization for Possibilistic Classification Ilyes Jenhani, Ghaith Khelifi, Panagiotis Sidiropoulos, Henk Jansen and George Frangou
16:55–17:10	Closing