



TIME	SESSION 1 (L 103)	SESSION 2 (L 200)
WEDNESDAY 15TH		
8:30-9:30	REGISTRATION (PG 1)	
9:30-10:30	Invited Talk 1: Edith Elkind (L 103) Chair: Sebastien Destercke	
10:30-10:50	COFFEE BREAK (PG 2)	
10:50-12:30	<p style="text-align: center;">DECISION AND PREFERENCE Chair: Edith Elkind</p> <ul style="list-style-type: none"> • Minimizing Regret in Dynamic Decision Problems. <i>Joseph Halpern and Samantha Leung</i> • Extracting decision rules from qualitative data using Sugeno integral: a case-study. <i>Didier Dubois, Claude Durrieu, Henri Prade, Agnes Rico and Yannis Ferro</i> • Elicitation of a utility from uncertainty equivalent without standard gambles. <i>Christophe Labreuche, Sébastien Destercke and Brice Mayag</i> • Possibilistic Conditional Preference Networks. <i>Nahla Ben Amor, Didier Dubois, H�la Gouider and Henri Prade</i> 	<p style="text-align: center;">ARGUMENTATION Chair: Anthony Hunter</p> <ul style="list-style-type: none"> • On Supported Inference and Extension Selection in Abstract Argumentation Frameworks. <i>S�bastien Konieczny, Pierre Marquis and Srdjan Vesic</i> • Representing and Reasoning about Arguments Mined from Texts and Dialogues. <i>Leila Amgoud, Philippe Besnard and Anthony Hunter</i> • Dialogue Games for Argumentation Frameworks with Necessities. <i>Farid Nouioua and Sara Boutouhami</i> • Explaining Bayesian Networks using Argumentation. <i>Sjoerd T. Timmer, John-Jules Ch. Meyer, Henry Prakken, Silja Renooij and Bart Verheij</i>
12:30-14:00	LUNCH BREAK (PG 2)	
14:00-15:15	<p style="text-align: center;">CONDITIONALS Chair: Sebastien Konieczny</p> <ul style="list-style-type: none"> • Transitive reasoning with imprecise probabilities. <i>Angelo Gilio, Niki Pfeifer and Giuseppe Sanfilippo</i> • On the algebraic structure of conditional events. <i>Tommaso Flaminio, Lluis Godo and Hykel Hosni</i> • In all, but finitely many, possible worlds: model-theoretic investigations on overwhelming majority default conditionals. <i>Costas Koutras and Christos Rantsoudis</i> 	<p style="text-align: center;">GAME THEORY Chair: Christophe Labreuche</p> <ul style="list-style-type: none"> • The Robustness of Periodic Orchestrations in uncertain evolving environments. <i>Joaquim Gabarro, Jorge Castro, Maria Serna and Alan Stewart</i> • Uncertainty in the Cloud: an Angel-Daemon approach to modelling performance. <i>Joaquim Gabarro, Alan Stewart and Anthony Keenan</i> • Game-theoretic Resource Allocation with Real-time Probabilistic Surveillance Information. <i>Wenjun Ma, Weiru Liu and Kevin McAreevey</i>
15:15-15:45	COFFEE BREAK (PG 2)	
15:45-17:00	<p style="text-align: center;">BELIEF UPDATE Chair: Didier Dubois</p> <ul style="list-style-type: none"> • Belief update within propositional fragments. <i>Nadia Creignou, Raida Ktari and Odile Papini</i> • Private Expansion and Revision in Multi-Agent Settings. <i>Thomas Caridroit, S�bastien Konieczny, Tiago De Lima and Pierre Marquis</i> • Contraction in Propositional Logic. <i>Thomas Caridroit, S�bastien Konieczny and Pierre Marquis</i> 	<p style="text-align: center;">CLASSIFICATION Chair: Rudolf Kruse</p> <ul style="list-style-type: none"> • Multi-Classifiers with Small Treewidth. <i>Arnoud Pastink and Linda C. van der Gaag</i> • Balanced n-way Tuning of Multi-dimensional Bayesian Network Classifiers. <i>Janneke Bolt and Linda C. van der Gaag</i> • A new view of conformity and its application to classification. <i>Myriam Bounhas, Henri Prade and Gilles Richard</i>
19:30	TOWN HALL RECEPTION	



TIME	SESSION 1 (L 103)	SESSION 2 (L 200)
THURSDAY 16TH		
8:30-9:00	REGISTRATION (PG 1)	
9:00-10:00	Invited Talk 2: Teddy Seidenfeld (L 103) Chair: Thierry Denoeux	
10:00-10:20	COFFEE BREAK (PG 2)	
10:20-12:00	<p style="text-align: center;">INCONSISTENCY Chair: Henri Prade</p> <ul style="list-style-type: none"> • Using Shapley Inconsistency Values for Distributed Information Systems with Uncertainty. <i>John Grant and Anthony Hunter</i> • Consistency-Based Reliability Assessment. <i>Laurence Cholvy, Laurent Perrussel, William Raynaud and Jean-Marc Thévenin</i> • Handling Revision Inconsistencies: Towards Better Explanations. <i>Fabian Schmidt, Jörg Gebhardt and Rudolf Kruse</i> • On Measuring Inconsistency using Maximal Consistent Sets <i>Meriem Ammoura, Badran Raddaoui, Yakoub Salhi and Oukacha Brahim</i> 	<p style="text-align: center;">GRAPHICAL MODELS Chair: Silja Renooij</p> <ul style="list-style-type: none"> • On the Analysis of Probability-Possibility Transformations: Changing Operations and Graphical Models. <i>Amélie Levray, Salem Benferhat and Karim Tabia</i> • Computing Concise Representations of Semi-Graphoid Independency Models. <i>Stavros Lopatzidis and Linda van der Gaag</i> • Learning Structure in Evidential Networks from Evidential DataBases. <i>Narjes Ben Hariz and Boutheina Ben Yaghlane</i> • Evaluating product-based possibilistic networks learning algorithms. <i>Maroua Haddad, Philippe Leray and Nahla Ben Amor</i>
12:00-14:00	LUNCH BREAK (PG 2)+ IJAR Board Meeting	
14:00-15:15	<p style="text-align: center;">BAYESIAN NETWORKS (I) Chair: Philippe Leray</p> <ul style="list-style-type: none"> • Every LWF and AMP Chain Graph Originates from a Set of Causal Models. <i>Jose M. Peña</i> • Factorization, Inference and Parameter Learning in Discrete AMP Chain Graphs. <i>Jose M. Peña</i> • A Differential Approach for Staged Trees. <i>Christiane Görgen, Manuele Leonelli and James Q. Smith</i> 	<p style="text-align: center;">BELIEF FUNCTIONS (I) Chair: David Mercier</p> <ul style="list-style-type: none"> • Dynamic time warping distance for message propagation classification in Twitter. <i>Siwar Jendoubi, Arnaud Martin, Ludovic Lietard, Boutheina Ben Yaghlane and Hend Ben Hadji</i> • A Reliably Weighted Collaborative Filtering System. <i>Van-Doan Nguyen and Van-Nam Huynh</i> • A Comparison of Plausibility Conflict and of Degree of Conflict Based on Amount of Uncertainty of Belief Functions. <i>Milan Daniel</i>
15:15-15:45	COFFEE BREAK (PG 2)	
15:45-17:00	<p style="text-align: center;">BAYESIAN NETWORKS (II) Chair: Cassio P. De Campos</p> <ul style="list-style-type: none"> • CPD tree learning using contexts as background knowledge. <i>Gerard Ramstein and Philippe Leray</i> • Relevance of Evidence in Bayesian Networks. <i>Michelle Meekes, Silja Renooij and Linda C. van der Gaag</i> • Hybrid Time Bayesian Networks. <i>Manxia Liu, Arjen Hommersom, Maarten van der Heijden and Peter Lucas</i> 	<p style="text-align: center;">BELIEF FUNCTIONS (II) Chair: Arnaud Martin</p> <ul style="list-style-type: none"> • Weighted maximum likelihood for parameters learning based on noisy labels in discrete Hidden Markov Models. <i>Pablo Juesas Cano and Emmanuel Ramasso</i> • Evidential Editing K-Nearest Neighbor Classifier. <i>Lianmeng Jiao, Thierry Denoeux and Quan Pan</i> • Learning contextual discounting and contextual reinforcement from labelled data. <i>David Mercier, Frédéric Pichon, François Delmotte and Eric Lefevre</i>
19:30	GALA DINNER (Compiègne Palace)	



TIME	SESSION 1 (L 103)	SESSION 2 (L 200)
FRIDAY 17TH		
9:00-9:30	REGISTRATION (PG 1)	
9:30-10:45	<p style="text-align: center;">BAYESIAN NETWORK (III) Chair: Jose Peña</p> <ul style="list-style-type: none"> • Learning Bounded Tree-width Bayesian Networks via Sampling. <i>Siqi Nie, Cassio P. de Campos and Qiang Ji</i> • Learning Conditional Distributions using Mixtures of Truncated Basis Functions. <i>Inmaculada Pérez-Bernabé, Antonio Salmeron and Helge Langseth</i> • MPE inference in Conditional Linear Gaussian Networks. <i>Antonio Salmeron, Rafael Rumi, Helge Langseth, Anders Madsen and Thomas Dyhre Nielsen</i> 	<p style="text-align: center;">LOGIC Chair: Guiseppe Sanfilippo</p> <ul style="list-style-type: none"> • Symbolic possibilistic logic: completeness and inference methods. <i>Claudette Cayrol, Didier Dubois and Fayçal Touazi</i> • Probabilistic Common Knowledge among Infinite Number of Agents. <i>Sinisa Tomovic, Zoran Ognjanovic and Dragan Doder</i> • Towards Lifted Inference under Maximum Entropy for Probabilistic Relational FO-PCL Knowledge Bases. <i>Christoph Beierle, Nico Potyka, Josef Baudisch and Marc Finthammer</i>
10:45-11:15	COFFEE BREAK (PG 2)	
11:15-12:15	Invited talk 3: Marco Zaffalon Chair: Ines Couso	
12:15-13:30	Lunch break (PG 2)	
13:30-14:45	<p style="text-align: center;">SCALABLE DATA IN GRAPHICAL MODELS (L 103) Chair: Antonio Salmeron</p> <ul style="list-style-type: none"> • Towards Gaussian Bayesian Network Fusion. <i>Irene Córdoba-Sánchez, Concha Bielza and Pedro Larrañaga</i> • Early Recognition of Maneuvers in Highway Traffic. <i>Galia Weidl, Anders L. Madsen, Viacheslav Tereshchenko, Dietmar Kasper and Gabi Breuel</i> • Variable Elimination for Interval-Valued Influence Diagrams. <i>Rafael Cabañas, Alessandro Antonucci, Andrés Cano and Manuel Gómez-Olmedo</i> 	
14:45-15:00	CLOSING CEREMONY (L 103)	