

# ECSQARU 2013 Accepted Papers

- L. Amgoud, H. Prade. *A formal concept view of abstract argumentation.*
- A. Antonucci, C. De Campos, D. Huber, M. Zaffalon. *Approximating Credal Network Inferences by Linear Programming.*
- R. Ayachi, N. Ben Amor, S. Benferhat. *A comparative study of compilation-based inference methods for min-based possibilistic networks.*
- M. Baiocchi, D. Petturiti, B. Vantaggi. *Qualitative combination of independence models.*
- C. Beierle, M. Finthammer, N. Potyka, J. Varghese, G. Kern-Isberner. *A Case Study on the Application of Probabilistic Conditional Modelling and Reasoning to Clinical Patient Data in Neurosurgery.*
- I. Boukhris, S. Benferhat, Z. Elouedi. *Causal belief networks: Handling uncertain interventions.*
- C. Butz, W. Yan, A. Madsen. *On Semantics of Inference in Bayesian Networks.*
- R. Cabañas, M. Gómez-Olmedo, A. Cano. *Evaluating Asymmetric Decision Problems with Binary Constraint Trees.*
- M. Caminada, S. Sá, J. Alcântara. *On the Equivalence between Logic Programming Semantics and Argumentation Semantics.*
- Z. Chelly, Z. Elouedi. *A Fuzzy-Rough Data Pre-processing Approach for the Dendritic Cell Classifier.*
- A. Choi, D. Kisa, A. Darwiche. *Compiling Probabilistic Graphical Models using Sentential Decision Diagrams.*
- G. Coletti, D. Petturiti, B. Vantaggi. *Independence in possibility theory under different triangular norms.*
- F. G. Cozman, L. Ianni. *Probabilistic Satisfiability and Coherence Checking through Integer Programming.*
- J. De Bock, G. de Cooman. *Extreme lower previsions and Minkowski indecomposability.*
- D. Doder, A. Perovic, Z. Ognjanović. *A First-order Dynamic Probability Logic.*
- D. Dubois, H. Prade, A. Rico. *Qualitative capacities as imprecise possibilities.*
- T. Fan, C. Liau. *Many-Valued Modal Logic and Regular Equivalences in Weighted Social Networks.*
- D. Dubois, H. Prade, F. Touazi. *Conditional preference networks and possibilistic logic.*
- T. Flaminio, L. Godo, H. Hosni. *Zero-probability and coherent betting: A logical point of view.*
- A. Gilio, G. Sanfilippo. *Conditional random quantities and iterated conditioning in the setting of coherence.*
- J. Grant, A. Hunter. *Distance-based Measures of Inconsistency.*
- P. Grünwald. *Safe Probability: restricted conditioning and extended marginalization.*
- B. Gulko, S. Leung. *Maximin Safety: When Failing to Lose is Preferable to Trying to Win.*
- J. Halpern. *Weighted regret-based likelihood: a new approach to describing uncertainty.*
- A. Hunter, S. Woltran. *Structural Properties for Deductive Argument Systems.*
- S. Jabbour, B. Raddaoui. *Measuring Inconsistency Through Minimal Proofs.*
- S. Kaci, C. Labreuche. *Representing synergy among arguments with Choquet integral.*
- S. Konieczny, S. Rousset. *A reasoning platform based on the MI Shapley inconsistency value.*
- J. Kwisthout. *Structure Approximation of Most Probable Explanations in Bayesian Networks.*
- J. Kwisthout. *Most Inforable Explanations: Finding Explanations in Bayesian Networks that are both Probable and Informative.*
- C. Labreuche. *Argumentation based dynamic multiple criteria decision making.*
- J. Lawry, T. Martin. *Conditional Beliefs in a Bipolar Framework.*
- J. Lemeire, S. Meganck, A. Zimmermann, T. Dhollander. *Detecting marginal and conditional independencies between events and learning their causal structure.*
- Y. Ma, Q. Chang. *Measuring Incompleteness under Multi-Valued Semantics by Partial MaxSAT Solvers.*
- A. Madsen, C. Butz. *On the Tree Structure used by Lazy Propagation for Inference in Bayesian Networks.*
- C. Marsala, D. Petturiti. *Hierarchical Model for Rank Discrimination Measures.*
- E. Miranda, S. Destercke. *Extreme points of the credal sets generated by elementary comparative probabilities.*
- B. Moldovan, I. Thon, J. Davis, L. De Raedt. *MCMC Estimation of Conditional Probabilities in Probabilistic Programming Languages.*
- C. O'Mahony, N. Wilson. *Sorted-Pareto Dominance and Qualitative Notions of Optimality.*
- F. Pichon, S. Destercke, T. Burger. *Selecting source behavior in information fusion on the basis of consistency and specificity.*
- N. Potyka, C. Beierle, G. Kern-Isberner. *On the Problem of Reversing Relational Inductive Knowledge Representation.*
- H. Prade, G. Richard. *Analogical proportions and multiple-valued logics.*
- D. Sonntag, J. M. Peña. *Chain Graph Interpretations and their Relations.*
- E. Weidert. *On the Plausibility of Abstract Arguments - A Ranking Semantic Perspective.*