



## Thursday, September 14

09:00 – 10:45	<b>Theoretical Foundations</b> <b>Chair: Milan Studený</b>
09:00	Locally specified credal networks. <i>Alessandro Antonucci and Marco Zaffalon</i>
09:35	Geometry of rank tests. <i>Jason Morton, Lior Pachter, Anne Shiu, Bernd Sturmfels, and Oliver Wienand</i>
10:10	Reading Dependencies from the Minimal Undirected Independence Map of a Graphoid that Satisfies Weak Transitivity. <i>Jose M. Peña, Roland Nilsson, Johan Björkegren, and Jesper Tegnér</i>

### 10:45 – 11:20 Coffee Break

11:20 – 12:30	<b>Classification I: Theory</b> <b>Chair: Pedro Larrañaga</b>
11:20	Evidence and Scenario Sensitivities in Naive Bayesian Classifiers. <i>Silja Renooij and Linda van der Gaag</i>
11:55	Multi-dimensional Bayesian Network Classifiers. <i>Linda C. van der Gaag and Peter R. de Waal</i>

### 12:30 – 14:00 Lunch

14:00 – 16:00	<b>Poster Session II:</b> <b>Theoretical Foundations, Learning,</b> <b>Classification. Chair: Jiří Vomlel</b>
	<ul style="list-style-type: none"><li>• Lattices for Studying Monotonicity of Bayesian Networks. <i>Linda van der Gaag, Silja Renooij, and Petra Geenen</i></li><li>• A Short Note on Discrete Representability of Independence Models. <i>Petr Šimeček</i></li><li>• Probabilistic Independence of Causal Influences. <i>Adam Zagorecki and Marek J. Druzdzel</i></li><li>• Learning Semi-Markovian Causal Models using Experiments. <i>Stijn Meganck, Sam Maes, Philippe Leray, and Bernard Manderick</i></li><li>• Learning the Tree Augmented Naive Bayes Classifier from incomplete datasets. <i>Olivier C.H. François and Philippe Leray</i></li><li>• Learning Complex Bayesian Network Features for Classification. <i>Péter Antal, András Gézsi, Gábor Hullám, and András Millinghoffer</i></li><li>• Learning Bayesian Networks Structure using Markov Networks. <i>Christophe Gonzales and Nicolas Jouve</i></li><li>• Unsupervised naive Bayes for data clustering with mixtures of truncated exponentials. <i>José A. Gámez, Rafael Rumí, and Antonio Salmerón</i></li><li>• Dependency networks based classifiers: learning models by using independence tests. <i>José A. Gámez, Juan L. Mateo, and José M. Puerta</i></li><li>• The <i>Independency tree</i> model: a new approach for clustering and factorisation. <i>M. Julia Flores, José A. Gámez, and Serafín Moral</i></li></ul>

### 16:00 – 16:30 Coffee Break

16:30 – 18:15	<b>Classification II: Learning Aspects</b> <b>Chair: Jim Smith</b>
16:30	Bayesian Model Averaging of TAN Models for Clustering. <i>Guzmán Santafé, Jose A. Lozano, and Pedro Larrañaga</i>
17:05	Symmetric Causal Independence Models for Classification. <i>Rasa Jurgelenaite and Tom Heskes</i>
17:40	Discriminative Scoring of Bayesian Network Classifiers: a Comparative Study. <i>Ad Feelders and Jevgenijs Ivanovs</i>