

Technical programme WPMIIP 2014 (8–12 September)

day	AM 9:00 – 12:00	PM 14:00 – 17:00
Monday 8	<p>Statistics (chaired by Georg Schollmeyer)</p> <ul style="list-style-type: none">• Gero Walter <i>Sample size calculations based on posterior imprecision</i>• Georg Schollmeyer <i>Imprecise probabilities and imprecise data: some similarities and some differences</i>• Julia Plaß <i>Coarse categorical data under epistemic and ontic uncertainty</i>	<p>Classification (chaired by Gero Walter)</p> <ul style="list-style-type: none">• Lev Utkin <i>Triangular kernels in classification problems by interval-valued data</i>• Frank Coolen <i>Common cause failures and performance evaluation for classifiers</i>• Paul Fink <i>Classification with missing observations: modeling the uncertainty with IP methodology</i>
Tuesday 9	<p>Choice functions (chaired by Arthur Van Camp)</p> <ul style="list-style-type: none">• Paul Pedersen <i>Non-Archimedean expected utility and strictly coherent choice functions</i>• Arthur Van Camp <i>Conservative reasoning with choice functions</i>	<p>Foundations (chaired by Erik Quaeghebeur)</p> <ul style="list-style-type: none">• Enrique Miranda <i>Independent products on infinite spaces</i>• Marco Cattaneo <i>Updating and avoiding sure loss</i>• Erik Quaeghebeur <i>Sleeping beauty</i>
Wednesday 10	<p>Open topics</p> <ul style="list-style-type: none">• Qianru Ge <i>Reliability Optimization for series systems under uncertain component reliability in the design phase</i>	<p>Excursion</p>
Thursday 11	<p>Bivariate models and copulas (chaired by Enrique Miranda)</p> <ul style="list-style-type: none">• Frank Coolen <i>Inference for bivariate data using copulas</i>• Enrique Miranda <i>Bivariate p-boxes</i>	<p>Credal networks (chaired by Jasper De Bock)</p> <ul style="list-style-type: none">• Cedric De Boom <i>Robustifying the Viterbi algorithm</i>• Jasper De Bock <i>Credal networks under epistemic irrelevance</i>
Friday 12	<p>Stochastic processes (chaired by Stavros Lopatzidis)</p> <ul style="list-style-type: none">• Francesca Mangili <i>Bayesian nonparametric methods for hypothesis testing</i>• Stavros Lopatzidis <i>Robustness in queueing systems</i>	<p>Game-theoretic probability (chaired by Gert de Cooman)</p> <ul style="list-style-type: none">• Vladimir Vovk <i>Emergence of imprecise probabilities in prediction markets</i>• Gert de Cooman <i>A pointwise ergodic theorem for imprecise Markov chains</i>