

XLII Conference on Mathematical Statistics

Conference programme

Monday, 28th November	
8:00	Breakfast
9:00–9:05	Opening of Conference
9:05–10:00	Eric Moulines <i>Simulation and stochastic optimisation in high-dimension, part I</i>
10:00–10:30	Coffee break
10:30–10:50	Katarzyna Brzozowska-Rup, Antoni Leon Dawidowicz <i>The dilemmas modeling short-term interest rates based on the model of Cox, Ingersoll and Ross</i>
10:50–11:10	Wojciech Niemiro <i>On Three Stick-Breaking Constructions of Beta Processes</i>
11:10–11:30	Łukasz Rajkowski CONTEST <i>Analysis of MAP in CRP Normal-Normal model</i>
11:30–12:00	Coffee break
12:00–12:20	Arkadiusz Koziol CONTEST <i>Properties of estimators of doubly exchangeable covariance matrix and structured mean vector for three-level multivariate observations</i>
12:20–12:40	Mateusz Wilk , Aleksander Zaigrajew CONTEST <i>DS-optimal designs for RCR models with heteroscedastic errors</i>
12:40–13:00	Katarzyna Filipiak, Augustyn Markiewicz <i>Optimality of neighbor designs under mixed interference models</i>
13:00	Lunch
15:00–16:00	Eric Moulines <i>Simulation and stochastic optimisation in high-dimension, part II</i>
16:00–16:30	Coffee break
16:30–16:50	Katarzyna Steliga CONTEST <i>On new counting distributions and compound distributions</i>
16:50–17:10	Magdalena Szymkowiak <i>Characterizations of distributions through aging intensity function</i>
18:00	Dinner

Tuesday, 29th November

8:00	Breakfast
9:00–10:00	Eric Moulines <i>Simulation and stochastic optimisation in high-dimension, part III</i>
10:00–10:30	Coffee break
10:30–10:50	Wojciech Rejchel <i>High-dimensional Ising model and Monte Carlo methods</i>
10:50–11:10	Paweł Teisseyre <i>CCnet: joint multi-label classification and feature selection using classifier chains and elastic net regularization.</i>
11:10–11:30	Małgorzata Wojtyś <i>Generalized sample selection model</i>
11:30–12:00	Coffee break
12:00–12:20	Tomasz Rychlik <i>Sharp bounds on the expectations of linear combinations of kth records expressed in the Gini mean difference units</i>
12:20–12:40	Agnieszka Goroncy <i>Lower bounds on expectations of generalized order statistics from restricted families of distributions</i>
12:40–13:00	Mariusz Bieniek <i>Uniqueness of characterization of distributions by regressions of generalized order statistics</i>
13:00	Lunch
15:00–15:20	Karol R. Opara , Olgierd Hryniewicz <i>Rank correlation coefficients and their generalizations for interval data</i>
15:20–15:40	Tomasz Górecki, Mirosław Krzyśko , Waldemar Wołyński <i>Canonical correlation analysis for multivariate functional data</i>
15:40–16:00	Anita Dobek, Krzysztof Moliński, Ewa Skotarczak <i>Is entropy a good measure of correlation?</i>
16:00–16:30	Coffee break
16:30–16:50	Jacek Wesołowski <i>Local and global independence of parameters in discrete Bayesian graphical models</i>
16:50–17:10	Jacek Leśkow <i>Modelling nonstationary signals using stochastic and nonstochastic approach</i>
18:00	Dinner
19:00	meeting of conference organizing team

Wednesday, 30th November

8:00	Breakfast
9:00–13:00	Excursion
13:00	Lunch
15:00–16:00	Anna Gambin <i>Statistical modeling in molecular medicine: genomics</i>
16:00–16:30	Coffee break
16:30–16:50	Bogdan Ćmiel, Zbigniew Szkutnik , Jakub Wojdyła <i>A kernel estimator and associated confidence bands in the Spektor-Lord-Willis problem</i>
16:50–17:10	Aleksander Zaigrajew <i>On comparison and improvement of estimators based on likelihood</i>
18:00	Conference Dinner

Thursday, 1st December

8:00	Breakfast
9:00–10:00	Anna Gambin <i>Statistical modeling in molecular medicine: proteomics</i>
10:00–10:30	Coffee break
10:30–10:50	Patryk Miziula <i>Birnbaum component importance measure for reliability systems with dependent components</i>
10:50–11:10	Krzysztof Jasiński <i>Asymptotic normality of numbers of observations near order statistics from stationary processes</i>
11:10–11:30	Magdalena Alama-Bućko , Aleksander Zaigrajew <i>Optimal choice of order statistics under confidence region estimation in case of large samples</i>
11:30–12:00	Coffee break
12:00–12:20	Konrad Furmanczyk <i>Model selection with stepdown procedures and thresholded Lasso for high dimensional linear regression</i>
12:20–12:40	Piotr Pokarowski <i>Greedy variable selection on the Lasso solution grid</i>
12:40–13:00	Mariusz Kubkowski , Jan Mielniczuk <i>Generalized Ruud's theorem</i>
13:00	Lunch
15:00–15:20	Grzegorz Wyłupek <i>A permutation test for the two-sample right-censored model</i>
15:20–15:40	Bogdan Ćmiel , Tadeusz Inglot, Teresa Ledwina <i>Intermediate efficiency of some Kolmogorov-Smirnov-type tests for stochastic ordering</i>
15:40–16:00	Przemysław Grzegorzewski , Martyna Śpiewak <i>Nonparametric tests for interval data</i>
16:00–16:30	Coffee break
16:30–16:50	Piotr Nowak <i>Statistical inference based on grouped data</i>
16:50–17:10	Katarzyna Filipiak , Daniel Klein i Anuradha Roy <i>A comparison of Rao's score test and likelihood ratio tests and for three separable covariance matrix structures</i>
18:00	Dinner

Friday, 2nd December

8:00	Breakfast
9:00–9:20	Mariusz Grządziel <i>On the maximum likelihood degree of mixed normal models with two variance components</i>
9:20–9:40	Roman Zmyślony <i>Testing hypotheses of covariance structure in double multivariate data</i>
9:40–10:00	Anna Szczepańska-Álvarez , Chengcheng Hao, Yuli Liang, Dietrich von Rosen <i>Estimation equations for multivariate linear models with Kronecker structured covariance matrices</i>
10:00–10:30	Coffee break
10:30–10:50	Aneta Sawikowska , Paweł Krajewski <i>Large chromatographic data sets analysis on the example of metabolomic data</i>
10:50–11:10	Agnieszka Kulawik , Stefan Zontek <i>An adaptive robust estimator for normal location model</i>
11:10–11:30	Wojciech Zieliński <i>Confidence Interval For The Weighted Sum Of Two Binomial Proportions</i>
11:30–12:00	Coffee break
12:00–12:20	Błażej Miasojedow <i>Bayesian inference for age-structured population model of infectious disease with application to varicella in Poland</i>
12:20–12:40	Piotr Sulewski <i>The compound power-normal distribution</i>
12:40–12:45	Closing of Conference
12:50	Lunch