

Conference programme

Monday, 2nd of December	
8:00	Breakfast
9:15–9:25	Opening of the conference
9:25–10:10	Piotr Zwiernik <i>Totally positive distributions: Markov structures, graphical models, and convex optimization, part I</i>
10:10–10:30	Coffee break
10:30–10:50	Jan Mielniczuk <i>Distributions of general information-theoretic criteria and their applications</i>
10:50–11:10	Małgorzata Łazęcka (PhD Stud), Jan Mielniczuk <i>Selekcja zmiennych oparta na przybliżeniach warunkowej informacji wzajemnej</i>
11:10–11:25	Maryia Shpak (PhD Stud) <i>Structure learning for Bayesian Networks via penalized likelihood method</i>
11:25–11:50	Coffee break
11:50–12:10	Joanna Wasiura-Maślany (PhD Stud) <i>Prawie pewna wersja centralnego twierdzenia granicznego dla sum zmiennych losowych z losowymi indeksami</i>
12:10–12:30	Paweł Kurasiński (PhD Stud) <i>Dokładne prawa wielkich liczb i ich zastosowania</i>
12:30–12:50	Luiza Pańczyk (PhD Stud), Mariusz Bieniek <i>On the choice of the optimal single order statistics in quantile estimation</i>
13:00	Lunch
15:00–15:20	Zbigniew Szkutnik <i>Regularizations induced by filters and a discrepancy principle for Poisson inverse problems</i>
15:20–15:40	Monika Mokrzycka (PhD Stud) <i>On some covariance structure estimators under doubly multivariate model</i>
15:40–16:00	Grzegorz Wyłupek <i>Data-driven tests for trend under right-censored model</i>
16:00–16:30	Coffee break
16:30–16:50	Magdalena Szymkowiak <i>Generalized aging intensity functions with applications to lifetime analysis</i>
16:50–17:10	Agnieszka Goroncy <i>Górne oszacowania uogólnionych statystyk pozycyjnych z rozkładów o rosnącej uogólnionej intensywności awarii</i>
17:10–17:30	Krzysztof Jasiński <i>Asymptotyczne zachowanie k-tych rekordów z rozkładów dyskretnych</i>
18:00	Dinner

Tuesday, 3th of December	
8:00	Breakfast
9:00–9:45	Piotr Zwiernik <i>Totally positive distributions: Markov structures, graphical models, and convex optimization, part II</i>
9:45–10:00	Coffee break
10:00–10:20	Tadeusz Inglot <i>Intermediate efficiency of tests for uniformity under heavy-tailed alternatives</i>
10:20–10:40	Bogdan Ćmiel, Teresa Ledwina <i>Validation of Association</i>
10:40–10:55	Malwina Janiszewska (PhD Stud), Anna Szczepańska-Álvarez <i>Testing of the association between two groups of features</i>
10:55–11:30	Coffee break
11:30–11:50	Błażej Miasojedow <i>Non-asymptotic Analysis of Biased Stochastic Approximation Schemes</i>
11:50–12:10	Patrick Tardivel <i>Geometry for uniqueness and model selection for LASSO and SLOPE estimators</i>
12:10–12:30	Wei Jiang (PhD Stud) <i>Adaptive Bayesian SLOPE - high-dimensional model selection with missing values</i>
12:30–12:50	Michał Kos (PhD Stud), Małgorzata Bogdan <i>False Discovery Rate Control for the Linear and Logistic Regression via SLOPE Method</i>
13:00	Lunch
14:30–15:15	Piotr Zwiernik <i>Totally positive distributions: Markov structures, graphical models, and convex optimization, part III</i>
15:15–15:30	Coffee break
15:30–16:00	Małgorzata Bogdan <i>VARCLUST: mathematical bases, R package and application</i>
16:00–16:20	Krzysztof Rudaś (PhD Stud), Szymon Jaroszewicz <i>Properties of uplift estimators for small samples</i>
16:20–16:40	Mateusz John (PhD Stud) <i>Testing Toeplitz covariance structure under multivariate model</i>
16:40–17:00	Adam Mieldzioc (PhD Stud) <i>Porównanie estymatorów macierzy kowariancji o strukturze wstęgowej macierzy Toeplitza</i>
17:00–17:10	Coffee break
17:10–18:40	Discussion Panel: Modern Statistics and new challenges – Małgorzata Bogdan moderator
18:40	Dinner
19:20	Committee meeting

Wednesday, 4th of December	
8:00	Breakfast
9:00–14:00	Excursion
14:00–15:00	Lunch
15:00–15:45	Grzegorz Rempała <i>Introduction to Mathematical Theory of Chemical Reaction Networks with Applications in Biosciences, part I</i>
16:00–16:15	Coffee break
16:15–16:30	Marek Kociński <i>On the Estimation on the Financial Market with the Liquidity Shortage</i>
16:30–16:50	Piotr Sulewski <i>Kolmogorov-Smirnov-like goodness of fit test with two-component test statistics</i>
16:50–17:10	Coffee break
17:10–17:30	Barbara Kowalczyk, Wojciech Niemirow , Robert Wieczorkowski <i>Badania ankietowe dotyczące drażliwych kwestii: nowa odmiana "Item Count Technique"</i>
17:30–17:50	Katarzyna Brzozowska-Rup, Mariola Chrzanowska <i>Structural Equation Models - selected aspects</i>
17:50–18:10	Sylwia Filas-Przybył, Tomasz Klimanek <i>Employment-related commuting to provincial capital cities and their functional areas in Poland</i>
19:00	Conference Dinner

Thursday, 5th of December	
8:00	Breakfast
9:00–9:45	Grzegorz Rempała <i>Introduction to Mathematical Theory of Chemical Reaction Networks with Applications in Biosciences, part II</i>
9:45–10:00	Coffee break
10:00–10:20	Piotr Pokarowski <i>P-values for model selection and comparison</i>
10:20–10:40	Wojciech Rejchel <i>Variable selection in high-dimensional binary regression</i>
10:40–10:55	Anna Szczepańska-Álvarez, Adolfo Álvarez, Bogna Zawieja <i>Simulation study about the properties of MLE of separable covariance matrix</i>
10:55–11:20	Coffee break
11:20–11:40	Tomasz Górecki, Mirosław Krzyśko, Waldemar Wołyński <i>Measuring and testing mutual dependence for functional data</i>
11:40–12:00	Maciej Karczewski, Andrzej Michalski <i>A data driven kernel estimator of the density function</i>
13:00	Lunch
15:00–15:45	Grzegorz Rempała <i>Introduction to Mathematical Theory of Chemical Reaction Networks with Applications in Biosciences, part III</i>
15:45–16:00	Coffee break
16:00–16:30	A. Jokiel-Rokita, R. Magiera, P. Skoliński <i>Estimation for trend-renewal processes</i>
16:30–16:50	Katarzyna Filipiak <i>Structured covariance matrices: identification and testing</i>
16:50–17:10	Jacek Badnarz <i>Measuring the use intensity of global migration network nodes – a simple proposal</i>
17:10–17:30	Tomasz Cąkała <i>Poisson Tree Particle Filter</i>
18:00	Dinner

Friday, 6th of December	
8:00	Breakfast
9:00–9:20	Anna Czapkiewicz, Antoni Leon Dawidowicz <i>On some Limit Theorem for Markov Chain</i>
9:20–9:40	Wojciech Zieliński <i>Confidence interval for odds ratio</i>
9:40–10:00	Coffee break
10:00–10:20	Przemysław Grzegorzewski <i>Two-sample goodness-of-fit test for fuzzy data</i>
10:20–10:40	Paweł Tisseyre <i>Learning classifier chains under feature extraction budget</i>
10:40–11:00	Konrad Furmańczyk <i>Estimation of classification error for misspecified binary regression model</i>
11:00–11:15	Closing of the conference
11:45	Lunch