

## REPORT

### The XXXVII International Conference on Multivariate Statistical Analysis 5–7 November 2018, Łódź, Poland

The 37th edition of the International Conference on **Multivariate Statistical Analysis (MSA)** was held in **Łódź, Poland on November 5–7, 2018**. The MSA conference was organized by the **Department of Statistical Methods** of the University of Łódź, the **Institute of Statistics and Demography** of the University of Łódź, the **Polish Statistical Association** and the **Committee on Statistics and Econometrics of Polish Academy of Sciences**. Its organization was financially supported by the **National Bank of Poland**, the **Polish Academy of Sciences** and **Satsoft Polska Sp. z o.o.** The Organizing Committee was headed by **Professor Czesław Domański** and the scientific secretary was **Katarzyna Bolonek-Lasoń**, Assistant Professor from the Department of Statistical Methods of the University of Łódź.

The Multivariate Statistical Analysis conference constituted a forum for discussion and exchanging opinions about development of statistics. Participants presented the latest theoretical achievements in the field of the multivariate statistical analysis, its practical aspects and applications. The scientific programme covered a wide range topics of statistical mathematics and multivariate statistical methods including multivariate distributions, statistical tests, nonparametric inference, factor analysis, cluster analysis, discrimination analysis, Bayesian methods, stochastic analysis and application of statistical methods in finance, economy, capital market and risk management.

The conference was attended by 80 participants from many academic centres in Poland (Białystok, Gdańsk, Katowice, Kraków, Lublin, Łódź, Poznań, Toruń, Szczecin, Warszawa, Wrocław) and from abroad (Italy, Lithuania). Representatives of Statistics Poland and the Statistical Office in Lodz and Poznań were also participants of the 2018 MSA conference. In 18 sessions (plenary and parallel) 57 papers were presented including 3 invited lectures.

The conference was opened by the Head of the Organizing Committee, **Professor Czesław Domański**. The subsequent speakers at the conference opening included **Professor Antoni Różalski**, Rector of the University of Łódź, and **Professor Michał Mackiewicz**, the Deputy Dean of the Faculty of Economics and Sociology of the University of Łódź.

The first plenary session was devoted to eminent representatives of statistical thought. **Professor Krzysztof Jajuga** (Wrocław University of Economics) was the chairman of the historical session. **Professor Mirosław Krzyśko** (Adam Mickiewicz University) presented paper titled “Mieczysław Warmus – a memory on the centenary of birth”. **Professor Józef Pocięcha** (Cracov University of Economics) talked about professor Juliusz Leo. **Professor Czesław Domański**

(University of Łódź) presented two papers. The first paper concerned the role of Scientific Societies in the organization of independent Polish structures, the second one was dedicated to Tadeusz Korzon.

One of the sessions titled „New century of official statistics” was organized together with Statistical Office in Łódź. **Professor Józef Pocięcha** was a chairman of this session. The first speaker, **Dominik Rozkrut**, the President of Statistics Poland, presented a paper „*Academic education in the field of data science in Poland*”. The next speakers included **Professor Czesław Domański** and **Professor Alina Jędrzejczak** (University of Łódź), who addressed the problem of „*Ethical dilemmas of statisticians in the face of new data sources*”. Consecutive speakers (representatives of Statistical Office in Łódź) included **Tomasz Piasecki**, who talked about the application of mathematical methods in the official statistics, **Katarzyna Szkopiecka**, who presented a paper „*Educational activities of the Statistical Office in Łódź*”, and **Anna Jaeschke**, who drew a picture of „*Population census yesterday and today*”.

Invited lectures were presented by **Professor Krzysztof Jajuga** (Wrocław University of Economics), **Professor Włodzimierz Okrasa** (Cardinal Stefan Wyszyński University in Warsaw) and **Professor Mirosław Szreder** (University of Gdańsk).

Other sessions were chaired respectively by:

- Session III Professor Bronisław Ceranka (Poznań University of Life Sciences)
- Session IVa Professor Grażyna Dehnel (Poznań University of Economics and Business)
- Session IVb Professor Alina Jędrzejczak (University of Łódź)
- Session Va Professor Grzegorz Kończak (University of Economics in Katowice)
- Session Vb Professor Andrzej Dudek (Wrocław University of Economics)
- Session Vc Professor Wojciech Gamrot (University of Economics in Katowice)
- Session VI Professor Czesław Domański (University of Łódź)
- Session VII Professor Mirosław Krzyśko (Adam Mickiewicz University in Poznań)
- Session VIIIa Professor Grażyna Trzpiot (University of Economics in Katowice)
- Session VIIIb Professor Agata Szczukocka (University of Łódź)
- Session IXa Professor Iwona Markowicz (University of Szczecin)
- Session IXb Professor Jerzy Korzeniewski (University of Łódź)
- Session X Professor Marek Walesiak (Wrocław University of Economics)
- Session XIa Professor Tomasz Źądło (University of Economics in Katowice)
- Session XIb Professor Iwona Bąk (West Pomeranian University of Technology)
- Session XII Professor Józef Dziechciarz (Wrocław University of Economics)

During the conference, a meeting of the members of the **Main Board of the Polish Statistical Association** was also held. **Professor Czesław Domański** (President of Polish Statistical Association) chaired this meeting.

The 2018 MSA conference was closed by the Chairman of the Organizing Committee, **Professor Czesław Domański**, who summarized the conference

and thanked the guests for arriving and taking active participation in the conference.

The next edition of **Multivariate Statistical Analysis Conference MSA 2019** is planned on **November 4–6, 2019** and will be held in **Łódź, Poland**.

Prepared by

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