

REPORT

The 6th Conference on Survey Sampling in Economic and Social Research, 21–22 September 2009, Katowice, Poland

The **6th Conference on Survey Sampling in Economic and Social Research** was held from 21st to 22nd September 2009 at the Faculty of Management of the University of Economics in Katowice (Poland). It was organized by the Department of Statistics at the University of Economics in Katowice in co-operation with the Department of Statistical Methods of Łódź University and Polish Statistical Association.

The Scientific Committee consisted of: Andrzej Barczak, Czesław Bracha, Czesław Domański, Nicholas T. Longford, Zdzisław Hellwig, Jan Kordos (chairman), Walenty Ostasiewicz, Jan Paradysz, Jan Steczkowski, Jacek Wesołowski, Janusz Wywiał.

Conference participants, representing universities, statistical agencies and opinion poll companies, came from 8 countries. At the conference were presented 3 invited lectures and 15 papers. The conference was organized to give an opportunity to present latest developments in survey sampling and related fields and to exchange experience on practical applications of survey sampling.

Topics discussed during the conference included:

- Estimation of population parameters based on complex samples
- Statistical inference based on incomplete data
- Small area estimation
- Sample size and cost optimization in survey sampling
- Sampling designs
- Statistical inference using auxiliary information
- Model-based estimation
- Longitudinal surveys
- Practical applications of survey sampling

The invited lectures were presented by:

- a. Nicholas T. Longford (Pompeu Fabra University in Barcelona), *A house price index based on the potential outcomes framework*,
- b. Malay Ghosh (University of Florida), *Benchmarked small area estimators*,
- c. Partha Lahiri (University of Maryland), *Robust mean squared prediction error estimators of EBLUP of small area total under Fay-Herriot model*.

The list of the authors and titles of contributed papers is given below:

1. Paola Maddalena Chiodini, Rita Lima, Giancarlo Manzi, Bianca maria Martelli, Flavio Verrecchia, *Criticalities in Applying the Neyman's Optimality in Business Surveys: a Comparison of Selected Allocation Methods*.
2. Ewa Dziwok, *Yield curve estimation: a comparison of methods with an example of Polish data*.
3. Ryszard Gawlik, *Practical Problems in the Implementation of the Method of Sample Survey in the Field of Social Statistic Research*.
4. Elżbieta Getka-Wilczyńska, *Stochastic properties of the Internet sample*.
5. Alina Jędrzejczak, Jan Kubacki, *Estimation of Gini Coefficient for Regions from Polish Household Budget Survey Using Small Area Estimation Methods*.
6. Mauno Keto, Erkki Pahkinen, *On sample allocation for effective EBLUP estimation of small area totals*.
7. Jan Kordos, *Comparisons of Some Data Quality Issues in Statistical Publications in Poland in the Last Decade*.
8. Danute Krapavickaitė, *Estimation of a total of a study variable having many zero values*.
9. Aleksandras Plikusas, *Calibrated estimators under different distance measures*.
10. Elżbieta Soszyńska, *Modelling the influence of human capital on economic growth-the role of samples, influential observations and outliers*.
11. Vladimira Hovorkova Valentova, *Treating Statistical Data Set with Missing Values*.
12. Jacek Wesołowski, *A Simulation Study of Gibbs Sampler for a Hierarchical Bayesian Model in Small Area Statistics*.
13. Janusz Wywiał, *Simulation analysis of accuracy estimation of population mean on the basis of strategy dependent on sampling design dependent on difference of order statistic of an auxiliary variable*.
14. Agnieszka Zięba, Jan Kordos, *Comparing three methods of standard error estimation for poverty measures*.
15. Tomasz Żądło, *On some pseudo-EBLUP in the case of modeling longitudinal profiles*.

Abstract of the presentations are available at <http://web.ae.katowice.pl/metoda>. The conference was sponsored by SPSS Poland. The 7th Conference on Survey Sampling in Economic and Social Research will take place in 2011.

Prepared by

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