ROBUST 2016 (Jeseníky) International Statistical Conference[1]

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The 19th event of the well-established biannual Statistical Conference ROBUST 2016 took place in the Kurzovní Hotel in the Jeseníky Mountains during September 11–16, 2016. More than 110 participants presented and discussed contributions covering a broad spectrum ranging from Theoretical Statistics, Probability and Stochastic Analysis to Applied Statistics in several fields, including insurance mathematics, medicine, image processing, metrology and demography.

The idea behind the ROBUST Conferences has always been to bring together statisticians of all generations and all fields from different Czech and Slovak institutions to enable their exchange of ideas and to provide them with interdisciplinary insight into the research in statistics.

The leading experts, Prof. Johanna Nešlehová and Prof. Christian Genest (McGill University, Toronto, Canada) gave a two-hour Opening Lecture on Dependence Modeling through Copulas. The copula approach is a statistical tool for modeling the dependence between several random variables.

Five Invited Lectures were given. Prof. Marie Hušková and Zdeněk Hlávka (MFF UK, Prague) discussed both recent theoretical advances and computational issues of statistical procedures based on empirical characteristic functions. Doc. Viktor Witkovský (Ústav merania SAV, Bratislava) presented applications of numerical inverting characteristic functions in statistical inference. Doc. Miloš Kopa (MFF UK, Prague) dealt with robustness in stochastic programming with decision-dependent randomness. Dr. Daniel Ševčovič (FMF UK, Bratislava) lectured on the Riccati transformation method for solving the Hamilton-Jacobi-Bellman equation. Dr. Tomáš Jurczyk (Dell Computers, Prague) provided a presentation on new features and trends in complex analytical software, such as Statistica.

This Conference was focused on participation of doctoral and master degree students, who presented 38 posters. Prizes were awarded in three categories: Methodology and Theory, Computational Statistics and Applications of Statistics. The prices were sponsored by RSJ, a.s., and Dell Computers. The honorable mentions – monographs and textbooks of the publishing house Matfyzpress were provided by anonymous sponsors. Conference fees for almost 10% of participants (mostly master and first-year doctoral students) were covered by RSJ, Dell, Data Script Praha and the Czech Statistical Society.

Editor-in-Chief of the *Statistika: Statistics and Economy Journal* kindly invited participants to submit relevant papers to the journal.

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