



XII International Conference

FIRST ANNOUNCEMENT & CALL FOR PAPERS

Aims of the Conference

This Conference will provide a forum for researchers and a discussion of the latest results in theory and software of data analysis, statistical modeling and computer simulation, stressing on Stochastics and Data Science, and define ways for further developments in this field. Young researchers will have the possibility to present their results and to get in contact with experienced scientists. The conference is organized by the Belarusian State University, Research Institute for Applied Problems of Mathematics and Informatics, the Institute of Mathematics of the National Academy of Sciences of Belarus, the Belarusian Statistical Association, and the Vienna University of Technology, Institute of Statistics and Mathematical Methods in Economics.

PROGRAM COMMITTEE

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LOCAL ORGANIZING COMMITTEE

CHAIR

P. Mandrik, Dean of the Faculty of Applied Mathematics and Informatics

CO-CHAIRS

A. Kharin, Head of the Department of Probability Theory and Mathematical Statistics;
I. Badziahin, Head of the Department of Mathematical Modeling and Data Analysis

MEMBERS

Ya. Krasnahir – Visa support
A. Dzernakova, T. Tsekhavaya – Registration Desk
M. Kislach, U. Palukha – Technical organization of sessions
Ya. Viachorka – Conference Web site
O. Golos – Finance, registration
S. Staleuskaya, T. Varatnitskaya – Social program
I. Pirshtuk – Accommodation
V. Voloshko – Proceedings

Types of presentations:

keynote lectures (40 min), invited talks (30 min), contributed talks (20 min) including discussions, posters

The main topics of the Conference:

1. Robust and Nonparametric Data Analysis;
2. Multivariate Analysis;
3. Statistical Analysis of Time Series, Random Fields and Spatiotemporal Data;
4. Probabilistic and Statistical Analysis of Discrete Data;
5. Asymptotic Methods in Stochastics;
6. Statistical Methods of Signal and Image Processing;
7. Econometric Modeling and Financial Mathematics;
8. Survey Analysis and Official Statistics;
9. Computer Simulation of Stochastic Systems;
10. Data Science and Visualization Methods, Algorithms and Software;
11. Computer Data Analysis in Applications.

Invited Speakers (to be continued):

A. Duerre (Dortmund, Germany)	T. Kollo (Tartu, Estonia)
G. Dzemyda (Vilnius, Lithuania)	K. Kubilius (Vilnius, Lithuania)
K. Fokianos (Lancaster, UK)	J. Machalova (Olomouc, Czech Republic)
A. Gammerman (London, UK)	Yu. Mishura (Kiev, Ukraine)
P. Groenen (Rotterdam, Netherlands)	G. Shevlyakov (St.-Petersburg, Russia)
P. Ilmonen (Helsinki, Finland)	E. Stoimenova (Sofia, Bulgaria)

Conference language: English.

Proceedings will be published before the Conference dated to Professor Yuriy Kharin's 70th Birthday.

DEADLINES

March	01, 2019	– Online preliminary registration (declaration of interest)
March	22, 2019	– Submission of papers for reviewing
April	26, 2019	– Notification on acceptance of papers
May	17, 2019	– Submission of camera ready manuscripts
May	20, 2019	– Final Registration
September	18, 2019	– Conference Desk opens

Conference venue: Minsk is the capital of the Republic of Belarus. It is located in a picturesque place on the river Svisloch, which was in ancient times one of the busiest trade-route connecting the Baltic Sea and the Black Sea. Minsk is the city where one can find the best pieces of the Belarusian cultural heritage: museums and exhibitions, theatres, world famous Belarusian ballet. Numerous scientific centers and leading institutions of higher education, located in Minsk, are famous abroad for their fundamental and applied research. Minsk is a cross-road of the most popular European tours. It is connected by motorways, railways and airlines with all the European capitals and also with the main cities of the world. Minsk will become a host of the 2nd European games in June of 2019.

Social program: bus excursion, ballet and opera theater, amateur music party, Conference party, etc.

Preliminary registration should be made online at the Conference Web site.

Accommodation will be in Minsk hotels, prices are from EUR 30 to EUR 100 per person per night. More detailed information will be available from the Conference Web site.

Submission of papers. To prepare your paper the LaTeX and the template downloaded from <http://www.cdam.bsu.by> only must be used! Also on that web site the guidelines are available. The paper, up to 4 complete pages (up to 8 complete pages for Invited Speakers) of A4 macros format, including text, figures, and references, should be sent by e-mail to Dr. Alexey Kharin: KharinAY@bsu.by. After the reviewing process the Proceedings will be published by the BSU Publishing House, and will be distributed at the Registration Desk.

Journal publications: Extended versions of the selected papers will be published in the Special Issue of the Austrian Journal of Statistics and also in the International Journal “Informatica”, the International Journal “Applied Econometrics”, and the International Journal “Theory of Stochastic Processes”. All these journals are indexed by SCOPUS.

Registration fee is EUR 150 and covers publishing of the Proceedings, Conference materials, coffee breaks and social events. The reduced fee is EUR 75 (excluding the excursion) for participants from the CIS countries. Instructions on the payment will be available at the Conference Web site.

Conference Address:

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