



2016
Minsk, Belarus
**Theoretical & Applied
Stochastics**
September 6–10, 2016

XIth 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 Theoretical and Applied Stochastics, 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 United Institute of Informatics Problems 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

CO-CHAIRS

P. Mandrik, Dean of the Faculty of Applied Mathematics and Informatics
Yu. Kharin, Director of the Research Institute for Applied Problems of Mathematics and Informatics

MEMBERS

V. Malugin – Conference secretary: invitation letters, program, sponsors
E. Orlova – Visa support
O. Golos – Registration
A. Kapusta – Conference Web site
A. Kharin – E- correspondence, reviewing process
V. Valashko – Proceedings
I. Badziahin – Technical organization of sessions
E. Melnikova – Finance, registration
S. Staleuskaya, H. Rudakouskaya – Social program
I. Pirshtuk – Accommodation
E. Viachorka – Arrival, departure

Types of presentations:

plenary 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 and Spatial Data;
4. Probabilistic and Statistical Analysis of Discrete Data;
5. Asymptotic Methods in Stochastics;
6. Econometric Modeling and Financial Mathematics;
7. Survey Analysis and Official Statistics;
8. Data Mining;
9. Computer Simulation of Stochastic Systems;
10. Computer Intensive Methods, Algorithms and Statistical Software;
11. Computer Data Analysis in Genetics;
12. Applied Data Analysis Software (Special Session for IT-Companies);
13. Teaching of Applied Computer Data Analysis (Special Session on ACES TEMPUS Project)

Invited Speakers (to be continued):

So. Datta (Florida, USA)	R. Oliveira (Lisbon, Portugal)
Su. Datta (Florida, USA)	E. Orsinger (Rome, Italy)
A. Duerre (Dortmund, Germany)	L. Sakalauskas (Vilnius, Lithuania)
G. Dzemyda (Vilnius, Lithuania)	G. Shevlyakov (St.-Petersburg, Russia)
K. Fokianos (Nicosia, Cyprus)	A. Shiryaev (Moscow, Russia)
T. Kollo (Tartu, Estonia)	O. Vencalek (Olomouc, Czech Republic)
S. Miksch (Vienna, Austria)	V. Zaiats (Barcelona, Spain)
Yu. Mishura (Kyiv, Ukraine)	A. Zubkov (Moscow, Russia)

Conference language: English.

Proceedings will be published before the Conference.

DEADLINES

March	27, 2016	– Preliminary registration
March	27, 2016	– Submission of papers for reviewing
May	1, 2016	– Notification on acceptance of papers
May	20, 2016	– Submission of camera ready manuscripts
May	20, 2016	– Final Registration
September	06, 2016	– 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, folklore dancing ensembles and choirs. 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.

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

Preliminary registration is required for inclusion into the Conference mailing list, for paper submission, and should be made by filling on-line and submitting the Preliminary Registration Form via the Conference Web site.

Accommodation will be in Minsk hotels, expected 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 word processor and the macros 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 full pages (up to 8 full pages for Invited Speakers) of A4 macros format, including text, figures, and references, should be uploaded to the Conference Web site. After the reviewing process the Proceedings will be published by the BSU Publishing House, and will be distributed at the Registration Desk.

Special issue: Extended versions of the selected papers will be published in Special Issues of the Austrian Journal of Statistics, International Journal "Informatica", and the "Russian Journal of Applied Econometrics".

Registration fee is EUR 150 and covers publishing of the Proceedings, Conference materials, coffee breaks and all social events. The reduced fee is EUR 90 (excluding the excursion and theater tickets) for participants from the CIS countries. Instructions on the payment will be available at the Conference Web site.

Conference Postal Address:

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Conference Web-site: <http://www.cdam.bsu.by>