



International Conference CDAM'2022

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 and the Vienna University of Technology, Institute of Statistics and Mathematical Methods in Economics.

PROGRAM COMMITTEE

HONORARY CHAIR

V. Safonov, Vice-Rector of the Belarusian State University (Minsk, Belarus)

CO-CHAIRS

P. Filzmoser (Vienna, Austria), Yu. Kharin (Minsk, Belarus), A. Zubkov (Moscow, Russia)

CONFERENCE SECRETARY

V. Malugin (Minsk, Belarus)

LOCAL ORGANIZING COMMITTEE

CHAIR

A. Nedzved, Dean of the Faculty of Applied Mathematics and Informatics

CO-CHAIR

A. Kharin, Head of the Department of Probability Theory and Mathematical Statistics

Types of presentations:

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

The main topics of the Conference:

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

Invited Speakers (to be continued):

Laura Vana Gür (Vienna, Austria);
Karel Hron (Olomouc, Czech Republic);
Wolfgang Trutschnig (Salzburg, Austria)

Conference language: English.

Proceedings will be published before the Conference.

Format of presentations: hybrid (in person or on-line)

DEADLINES

June 12, 2022 – **Preliminary registration, Submission of papers for reviewing**

June 30, 2022 – **Notification on acceptance of papers**

July 08, 2022 – **Submission of camera ready manuscripts**

July 18, 2022 – **Final Registration and Registration Fee payment**

September 6, 2022 – **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, exhibitions, theatres. Numerous scientific centers and leading universities, located in Minsk, are famous abroad for their fundamental and applied research.

Social program: welcome party, excursion, theater / museum, amateur music party, etc.

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

Accommodation will be in Minsk hotels, prices are from EUR 40 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 with the template downloaded from <http://www.cdam.bsu.by> must be used only! Also on that web site the guidelines are available. The paper, up to 4 complete pages of A4 macros format, including text, figures, and references, should be sent by e-mail to Prof. Alexey Kharin: KharinAY@bsu.by. After reviewing, 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 "Russian Journal of Applied Econometrics", and the "Journal of the Belarusian State University. Mathematics and Informatics". 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 RUB 5000 (excluding the excursion) for participants from the CIS countries. Due to the support by the Ministry of Education, the reduced registration fee for participants from Belarus is BYN 75 (it covers publishing of the Proceedings, Conference materials, coffee breaks). Registration fee for on-line form of participation is reduced to EUR 30 (RUB 2000 for participants from CIS), it covers publishing of the Proceedings and on-line participation in the Conference sections. Instructions about payment to the University accounts are sent via invitation letters.

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