



9th International Research and Application Conference

«BIG DATA and Advanced Analytics Conference»

**BIG
DATA
CONFERENCE**

FIRST CALL FOR PAPERS

The Arrangement Committee of the ninth International Research and Application Conference «*BIG DATA and Advanced Analytics Conference*» hereby invite you to take part in our conference that will take place on the **17-18 of May 2023** in Minsk (Belarus). The conference working languages are Russian and English.

The aim of the conference: to discuss research and application achievements in the sphere of big data processing and analysis (*Data Science*) and the development and implementation of the new technology in *BIG DATA*.

The Topics Involved:

- applying *BIG DATA and Advanced Analytics* as well as *Data Science* to improve *IT* solutions;
- applying *BIG DATA and Advanced Analytics*, as well as *Data Science* to improve production and business solutions;
- *BIG DATA and Advanced Analytics* in medicine;
- *BIG DATA and Advanced Analytics* in education.

The Conference Target Audience:

- professionals interested in latest developments of *BIG DATA and Advanced Analytics*;
- companies developing software with *Data Science* methods and concerned about *BIG DATA and Advanced Analytics* opportunities as well as about their solutions advertising;
- banks, companies and business people curious about getting benefits from *BIG DATA and Advanced Analytics* as well as *Data Science* application;
- teachers who want to improve their courses with issues related to *BIG DATA and Advanced Analytics*;
- scholars knowing statistics, probability theory, artificial intelligence and optimization that are interested in improving their professional activities by using *BIG DATA and Advanced Analytics* achievements;
- bachelor, master and postgraduate students willing to build their careers in the demanded sphere of *BIG DATA and Advanced Analytics*.

The Opportunities for Sponsors and Participants

The Arrangement Committee are looking to cooperate with:

- the companies of the High Technologies Park (Belarus) and *Great Stone* industrial park (Belarus);
- Belarusian banks;
- companies and manufacturers;
- higher educational establishments.

The conference support and the participation in conference will provide you with the chance to meet the public of Belarus and abroad using the latest achievements of *BIG DATA and Advanced Analytics*.

International Research and Application Conference
«BIGDATA and Advanced Analytics Conference»
Event dates: 17-18 May 2023, Minsk, Belarus
bigdataminsk.bsuir.by

Papers Requirements

Following the conference results a collection of research papers will be published with *ISBN*, and *Universal Decimal Classification* number; the collection will be placed to the Russian Science Citation Index database.

To have your paper(s) included to the reviewed collection, you must fill out the registration form before the **30th of March 2023** and attach the report materials, drawn up in accordance with the requirements, at the [link https://forms.gle/how4ew7S5evqabP7A](https://forms.gle/how4ew7S5evqabP7A).

The maximum size of a paper: to 15 full pages.

Page Parameters:

Paper size: A4 (210x297 mm); Margins: above, below and left — 2.5 cm, right — 2.0 cm.

To prepare your papers, please, use *Microsoft Word*, name suffixes: *.doc. or *.docx

Paper Layout:

Paper layout sample can be found in the attached file and at the conference web site.

1. The first way to make a paper:

The paper title - font: size - 13; type - *Times New Roman*, center alignment. Typographic treatment: capital letters. Three lines or less.

Author(s) photographs of 37x37 mm dimensions.

Below the photographs there shall be caption text: Author's full name, font: bold italics, size – 12, type - *Times New Roman*, center alignment.

The photographs of the author(s) shall be in table cells with transparent borders (one cell for one author).

A blank line

Next line contains the work place and position (full name) as well as the email for communication. The font: size - 11; type - *Times New Roman*, italics, left alignment.

A blank line

Next line contains the authors' potted biographies. The font: size - 11; type - *Times New Roman*, italics, left alignment.

A blank line

Next line contains the annotation (a brief description of the work aim and results) of 50-100 words (5-10 lines). The font: size - 10; type - *Times New Roman*.

Next line contains key words.

A blank line

The body text — the font: size - 12; type - *Times New Roman*, paragraph indentation — 1.0 cm, justified alignment.

The interline spacing and paragraph spacing: single. Pages unnumbered.

Any pictures shall be not smaller than 60x60 mm and not bigger than 110x170 mm in formats .jpg, .bmp only. Please, follow the rule: “one caption – one picture” in .jpg, .bmp or .vsd formats. The pictures that consist of elements marked with letters *A*, *B*, etc. shall be inserted as one file of .jpg, .bmp. No pictures made via *Microsoft Word* means are allowed in the article.

The pictures titles and numbers are indicated below the pictures, but the table titles and numbers are placed above the tables.

Tables, schemes, pictures, formulae and graphs shall not trespass the margins indicated (the fontsize in tables and pictures shall be at least 11 pts). The formulae, tables and pictures are centered.

Any references to used literature are given in square brackets. References list is required.

A blank line

References: - title — bold italics, center alignment; the references themselves - justified alignment.
The font: size - 10; type - *Times New Roman*.

The file name consists of the name(s) of the author(s), e.g: *Ivanov_S.doc*.

2. The second way to make a paper:

Prepare your paper using *bestzmest.by* functions. The preparation algorithm is as follows:

1 Using Article Making Sample (see below), please, fill it with your material

If you fill the sample with your material, you shall make pictures not smaller than 60x60 mm and not bigger than 110x170 mm in formats .jpg, .bmp only. Please, follow the rule: “one caption – one picture” in .jpg, .bmp or .vsd formats. The pictures that consist of elements marked with letters *A*, *B*, etc. shall be inserted as one file of .jpg, .bmp. No pictures made via *Microsoft Word* means are allowed in the article.

2 Load your work to *bestzmest.by* and process with the requirements of *BIG DATA and Advanced Analytics* conference.

3 View the processing results, correct, if necessary.

4 You must fill out the registration form and attach the report materials, drawn up in accordance with the requirements, at the [link https://forms.gle/how4ew7S5evqabP7A](https://forms.gle/how4ew7S5evqabP7A).

Note: The article name the authors' last names and initials, their work places and positions, the annotations and key words are given in Russian and English at the same time.

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