

Russian Federation Ministry of Science and Education
Federal State Budget Educational Establishment of Higher Education
«Astrakhan state university» (ASU)

The first call for papers

I International scientific technical conference of young scientists
« ACTUAL QUESTIONS OF THE USE OF DATA ANALYSIS AND ARTIFICIAL
INTELLIGENCE TECHNOLOGIES »

Astrakhan, November 6-8, 2018.

Dear colleagues!

We invite you to participate at the **1st International scientific technical conference «Actual questions of the use of data analysis and artificial intelligence technologies »**.

The conference purpose is to discuss the questions and to exchange experience in actual questions of the use of analysis technologies of Big Data, artificial intelligence, machine learning, ontological modelling, knowledge management, automated language processing and automated recognition in different areas; special software technology.

Russian and foreign scientists, specialists in Big Data technology sphere, in artificial intelligence, in machine learning etc; IT-specialists, scientific and research organizations, business, state structures representatives; students and post graduates are invited to participate in the conference.

The schedule of the conference is planned in the following directions:

- Technologies of data and artificial intelligence analysis in engineering technical tasks solving.
- Technologies of data and artificial intelligence analysis in social-economic systems.
- Technologies of data and artificial intelligence analysis in natural sciences investigations.

The conference program specifies a general session, poster presentations, sub-forums work, panel discussions holding.

During the conference a cultural program will be carried out for nonresidents. A detailed program will be formed and sent to the conference participants as CFP № 2 after application and publication materials deadline, and it will be available at the conference site <http://bigdataconf.asu.edu.ru>.

As a result of the conference it is planned to issue the collection of scientific materials with an assignment of UDC, LBC and ISBN indexes. The collection of articles will be submitted to the scientific electronic library eLIBRARY.RU, publications will be cited in the Russian Science Citation Index (RSCI).

Within the framework of the conference the young scientist school «Data Science» will be organized. The school program specifies lectures and seminars carrying out in the following topics:

- Big Data organization in nonrelational databases (NoSQL);
- Big Data organization and processing at IBM Cloud platform;
- IT- projects with the use of Scrum methodology management;
- A meeting with representatives of IT development companies.

Following of the end of the school the participants will receive certificates.

Within the framework round table talks are planned:

- Big Data in multidisciplinary projects: issues and perspectives (videoconference mode)
- The problems of Big Data implementation in education and in creation of the University of the future.

Working languages are Russian and English.

Deadline for application forms for conference participation is **October 15, 2018** r.

Publication materials, participants application forms and payment scans are requested to be sent until and including the date **October 25, 2018** to organizing committee e-mail: asuitconf@bk.ru with the note «Conference».

Arrangement fee for conference participation and materials publication (3-5 pages) is 1000 rubles. The authors can order an additional collection of articles the cost of which is 200 rubles (sending will be paid in addition according to the fixed tariffs).

The cost of young scientist school participation for 1 participant is 800 rubles. The cost of printed certificate is 200 rubles.

To pay the arrangement fee is possible by:

- Bank transfer in rubles in Sberbank division or in any other bank;
- Internet-bank systems (Sberbank online, for example) and to send a screenshot, confirming the payment fact.

Payment details:

FSBEE of HE “Astrakhan state university”

TPN (tax payer number) 3016009269

TRC (tax registration code) 301601001

FTD of Astrakhan region (Astrakhan state university current account 20256114780)

Payment account. 40501810400002000002

Bank: Astrakhan division, Astrakhan city

RCBIC 041203001

OKPO code 02079218

RNC of MT code 12701000

RNC of PA code 13240

RNC of EAT code 80301

Code: 000000000000000000130

Payment reference. «Conference participation. Indicate the author’s surname. VAT exclusive».

Venue place: Astrakhan state university. Tatischeva 20a, Astrakhan, ZIP 414056, Astrakhan region Southern federal district.

Contacts and organizing committee adress: Tatischeva 20a, Astrakhan, ZIP 414056, Information technologies department (8512)61-08-64.

CALL FOR PAPERS APPLICATION

Conference materials submission requirements.

The following materials should be sent to the e-mail of the organizing committee asuitconf@bk.ru as attached files:

- 1 – Participant registration form.
- 2 – an article with indication of the author's surname and section.
- 3 – Reference (report of proceedings) check for plagiarism (minimal value of original text share is 65%).
- 4 – a scanned copy of publication payment.

In the name of the file it is necessary to indicate the participant's surname and the section.

Participant registration form and payment calculation instruction.

Registration form is necessary to be filled in strict correspondence with stated below blank (adding and deleting of table lines is defined).

Payment calculation is an integral part of the Participant Registration form, and must be filled on a mandatory basis.

Participant registration form	
Surname, Name, second name (full) of all article authors	
Full title (unabridged) of employment (study) organization	
Article title	
Section	
Surname, Name, second name (full) of certificate recipient (enumerate)	
Total amount of sent collections of articles	
Addressee and the postal address for collection of articles sending (<i>ZIP code including!!!</i>)	To whom:
	Where:
E-mail	
Cell phone number	
I intend: (required left) To come with viva-voce report To come with a poster presentation Only to print materials	
Payment calculation:	
Arrangement fee (publication <i>3-5 pages</i>)	1000-00 rubles.
Paid collections of articles (+ 200 rubles for a collection without sending)	+ 0-00 rubles.
Delivery of a collection of articles by the registered parcel post (across Russia – 120 rubles, near abroad countries (NAC) – 300 rubles, countries of the far abroad – 500 rubles.)* (delivery of a collection of articles is paid and added to the arrangement fee!)	+ 0-00 rubles.
Young scientist school participation (800 rubles per 1 participant)	+0-00 rubles.
Certificate of the young scientist school participant (sent by post, at a colorful blank) – 200 rubles.	+0-00 rubles.
Total payment*	= 0000-00 rubles

Text presentation requirements.

We would be glad to observe your original previously unpublished articles!

For publication the following articles from 3 to 5 pages including bibliography are accepted. **The text originality estimated by the system <http://www.antiplagiat.ru> must be not less than 65%.**

Page format is A4. Margins: top, bottom and outside – 2 cm, inside – 3 cm; one space; the first line leading is 1,25.

At the first page at the top the title of the article in Russian and in English, in capital letters in bold without hyphenation, centered is indicated. The font is: TimesNewRoman; Ordinary style, point type is 14.

In one space authors name, second name and surname, full organization name, city, e-mail in Russian and in English, in capital letters, centered are indicated. The font is Times New Roman; Ordinary style, point type is 12, in italics.

In one space there is an abstract (not more than 500 symbols) and the list of key words (5-10) in Russian and in English, in small letters, full justification. The font is Times New Roman; Ordinary style, point type is 12.

In one space there is the text in Russian or in English, in small letters, full justification. The font is Times New Roman; Ordinary style, point type is 14.

The text of the article should be structured and to include the following parts: Introduction, General parts, suitable for the subject area (3-5), Conclusion, Bibliography.

The article needs to be formed as a single file, tables and illustrations should be inserted into the text. All tables and illustrations should be enumerated, provided with names and captions; located after their first mention in the text. The images in the figures should be distinguishable. Formulas should be placed after their first mention in the text. References to the bibliography list are given in brackets, where the source number is indicated.

The list of the literature used in the article (at list 3 sources) is given after the text in 1 space under the title «Bibliography», in accordance with Russian State Standard 7.0.5 – 2008. The order of bibliography sources is alphabetic. Bibliography list is made in Russian, in small letters, full justification. The font is Times New Roman, General style, point type is 12.

Materials should be prepared in Microsoft Word text editor (*.doc, *.docx), carefully verified and edited. Files with .rtf format are not accepted.

Not allowed! – the use of a sparse or compressed character space, the use of landscape page orientation.

By submitting the article and by completing the registration form the authors certify their agreement for personal data processing in accordance with Article 9 of the Federal law «On personal data » from 27.07.2006. № 152-FL.

Registration form filling rules violation and incomplete submission of the provided materials will lead to the case when the reference form for conference participation will not be considered.

Article text example

ИСПОЛЬЗОВАНИЕ ТЕХНОЛОГИИ BIG DATA ПРИ АНАЛИЗЕ ПРОДАЖ ОСВЕТИТЕЛЬНОГО ОБОРУДОВАНИЯ К АВТОМОБИЛЯМ В СПЕЦИАЛИЗИРОВАННОМ СУПЕРМАРКЕТЕ THE USE OF BIG DATA TECHNOLOGIES IN THE ANALYSIS OF SALES OF LIGHTING EQUIPMENT TO VEHICLES AT THE SPECIALTY SUPERMARKET

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Аннотация. В работе рассмотрены особенности использования технологии Big Data при анализе продаж осветительного оборудования для автомобилей в специализированном супермаркете.....

Abstract. The paper describes the features of the use of technology Big Data in the analysis of sales of lighting equipment for cars in a specialized supermarket...

Ключевые слова: большие данные, технологии анализа данных, обработка данных.

Keyword: big data, data analysis technology, data processing.

Introduction. Осветительное оборудование играет важную роль в эксплуатации автомобилей ...

Subject area general characteristics. Закупаемое у поставщиков осветительное оборудование для автомобилей поступает на склад супермаркета и подвергается складскому учету в качестве поступающих товаров....

Research materials and methods. В качестве материала для анализа были взяты данные

Data processing results. Всего за это период было выдано 287896 чеков со средней суммой по чеку 3987 руб....

Received results discussion. По результатам приведенных расчетов для данных можно сделать следующие выводы...

Conclusion. Использование технологий Big Data ...

Bibliography

1. Тилисович П.П. Об использовании технологии Big Data при анализе деятельности торговых учреждений //Прикаспийский журнал: управление и высокие технологии- 2018, №3, С.56-67

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