

MINISTRY OF EDUCATION AND SCIENCE
OF THE RUSSIAN FEDERATION

Federal State Budgetary
Educational Institution of Higher Education
“Kuban State Technological University”
Armavir Institute of Mechanics and Technology
Department of General Scientific Disciplines

**I International Scientific Practical Conference
of graduate and postgraduate students, lecturers**

APPLIED ISSUES OF EXACT SCIENCES

**dedicated to the 300th jubilee of the outstanding French scientist
Jean-Baptiste le Rond d'Alembert**



PROVISION
on the modalities of the **I International Scientific Practical Conference**
of graduate and postgraduate students, lecturers

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1 General Provisions

1.1 The current provision regulates the status and the modalities of the I International Scientific Practical Conference of graduate and postgraduate students, lecturers “Applies Issues of Exact Sciences” (further on – Conference)

1.2 The Organiser of the Conference is the Department of General Scientific Disciplines (further on – department GSD) of Armavir Institute of Mechanics and Technology (branch) of Federal State Budgetary Institution of Higher Education “Kuban State Technological University”

1.3 The purpose of the Conference is the exchange of scientific and practical experience of applied research in the field of exact sciences.

1.4 The objectives of the Conference include activation of scientific research work; advancement of the teaching process and the development of cognitive processes of young people; professional training; creating theoretical and practical solutions for innovative and complicated issues of exact sciences.

1.5 The general management of the Conference is carried out by the Organisation Committee (further on – OrgCommittee). It prepares and holds the Conference; settles all the issues on the organisation and work of the Conference.

1.6 **Contact person: the Head of the Department of General Scientific Disciplines of Armavir Institute of Mechanics and Technology (branch) of Federal State Budgetary Institution of Higher Education “Kuban State Technological University” Candidate of Technical Sciences, Associate Professor Gorovenko Lyubov Alekseevna; e-mail: kaf_ond_anti@mail.ru, tel: +7(928)6633183.**

2 The Content of the Conference and its Procedure

2.1 Thematic Sections of the Conference

1.1 The work of the Conference will be organized in the following sections (the number of the sections can be changed by the onset of the Conference, however the afore announced themes will be preserved):

Section 1. “Applied Issues of Physics and Mathematical Sciences”

Mathematical modelling in the applied tasks of physical and mathematical sci-

ences; modelling of technical systems; applied issues of technical, building and analytical mechanics; applied issues of physical and mathematical sciences in various spheres of human activity (economics, agriculture, industry, construction, etc.)

Section 2. “Applied Issues of Natural Sciences”

Modelling of technical systems, chemistry, physics, biology, ecology. Applied issues of sciences in various spheres of human activity (economics; agriculture; industry; construction, etc.)

Section 3. “Applied Issues of Informatics and Programming”

Automatisation and management of technological processes and production. Calculating machines, complexes, computer nets. Engineering geometry and computer graphics; mathematical and programming software of calculating machines, complexes and computer nets. Computer modeling. Methods and systems of protecting information, information safety. System analysis; management and information processing.

Section 4. “Creation of Informational Educational Environment in the process of studying disciplines of natural and mathematical sciences”

Creating of informational educational resources; integrating new educational technologies into teaching.

2.2 Stages and time constraints of the Conference

The Conference takes place in two stages.

The first stage is held in the format of the internet conference followed by the publication of the reports of the participants of the Conference in the electronic scientific journal of Armavir Institute of Mechanics and Technology (further on - AMTI) “Scientific potential of the higher educational institution to the production and education” <http://amti.esrae.ru> and discussing the reports in on-line groups of WhatsApp service.

The first stage of the Conference is held from **September 15, 2017 till October 15, 2017** and includes:

- applying for the participation (in electronic form) in the Conference (Appendix 1);
- submitting the report by the participant to the Conference (in electronic form) in conformity with the requirements (Appendix 2);
- publishing the report by the organizers of the Conference on the official site of AMTI for the discussion.

The second stage of the Conference is held in the format of ‘round tables’ with the opportunity of introducing presentations to the reports.

The second stage of the Conference is held on **October 20, 2017 and October 21, 2017, at 13:40. Room 303, building A of Armavir Institute of Mechanics and Technology**. Non-resident participants of the Conference provide their travel to the Conference venue and accommodation in Armavir hotels at their own expense.

3 Arrangements for Participation in the Conference

To take part in the Internet Conference one should send the application before **October 15, 2017** (Appendix 1), talking points (theses) or the full text of the article to e-mail: **kaf_ond_anti@mail.ru**. The materials prepared in conformity with the prescribed requirements are accepted for the publication (Appendix 2).

By submitting the application the participants give their consent for the personal data processing and publishing the materials on the site of AMTI.

- The organisers reserve their right to decline the submitted materials due to the discrepancy with the directions of the Conference, breach in time constraints or non-conformity with the requirements to the content and execution.

4 Organisation of the Conference

4.1 Organisational activities to prepare and hold the Conference is carried out by the Organisation committee.

4.2 The Organization committee implements the preparatory, organisational and methodical work, interaction with persons and organisations concerned; prepares the certificates for the participants of the second stage of the conference and arranges summarizing the Conference.

4.3 Following the results of the Conference the collection of the Conference materials will be published with the next registration of the collection in the database of the electronic library of Russian Science Citation Index.

4.4 An electronic copy of the collection of the Conference materials will be sent to all the participants (free of charge) as well as a printed copy according to the authors' wishes provided the payments for the collection and the postage are made.

5 Contact information of the Organisation Committee and contact persons

Address: 352905 127 Kirova Str., Armavir, Krasnodarsky Krai, Russia, Armavir Institute of Mechanics and Technology (branch) of Federal State Budgetary Institution of Higher Education "Kuban State Technological University", Department of General Scientific Disciplines, Room 314.

Contact Person: acting head of Department of General Scientific Disciplines of AMTI, Candidate of Technical Sciences, Associate Professor Gorovenko Lyubov Alekseevna, tel.:8(928)6633183, e-mail: **kaf_ond_anti@mail.ru**

Application of a Participant

**I International Scientific Practical Conference
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APPLIED ISSUES OF EXACT SCIENCES

Surname _____

First Name _____

Patronymic _____

Position _____

Academic Degree _____

Academic Title _____

Honorary Title _____

Name of affiliation (in full) _____

Postal address (with the postcode) _____

Contact telephones _____

e-mail _____

Report title _____

Scientific direction of the conference _____

Form of participation in the Conference (underline):

- Intramural with the report: plenary or section;

- Extramural: only publication of the report

Need for multimedia equipment: yes/no

Need for the certificate of the Conference participant: yes/no.

Please send me the printed collection of the Conference materials in the amount of
___ copies.

Date of filling in the application _____

The signature of the participant _____ (full name) _____

Requirements to the content and execution of the materials

- Originality of the text of the article should constitute no less than 60% (In verifying by ANTIPLAGIAT system)
- Margins in the text should be the following: upper and lower – 20 mm, left and right – 25 mm.
- Typeface of the text – Times New Roman, 14 pt, single spacing, paragraph indentation– 1, 25.
- Formulae in the text of the report should be performed by the text processor MS Word.
- Drawings in the text of the report should be saved in the graphic formats *.gif, *.jpg, *.tiff or *.bmp.
- Structure of the report includes:
 - The title of the report is printed in block capitals in bold in the middle of the line without the transfers.
 - In the middle of the lower line indicate the name of the author/s, in the next line – the full name of the affiliation, after the comma the country and the city of the author’s residence, his email and contact telephone.
 - The lower line should contain the abstract of the report and the key-words in the Russian languages.
 - It should be followed by the title of the report, the abstract and the keywords in the English language.
 - The text of the report.
 - The list of references
- Responsibility for the content of the articles lies with the authors. The Organisation Committee reserves its right to decline the article publication in the collection or reports in case of its non-conformity with the requirements to the content and execution.

Sample of an article execution

EVOLUTION OF STRUCTURAL FEATURES OF THE ROOF *Khamdan Mahamat Khamdan¹⁾, Gorovenko A.D.²⁾*

1) Student of the Academy of Architecture and Arts of the Federal State Autonomous Educational Institution of Higher Education “Southern Federal University” N'djamena, Republic Of Chad.

2) Student of the Academy of Architecture and Arts of the Federal State Autonomous Educational Institution of Higher Education “Southern Federal University” Rostov-on-Don, Russia.

Abstract: In the article we consider the stages of the evolution of structural features of the roof from primitive to modern buildings. Also we made an analysis of the prerequisites for changing the design of the roofs.

Key words: roof, structure, arch, ramp.

Text of the report

References:

1. Gorovenko L.A., Gamm M.V. The calculation of the amendments for perspective distortion in the buildings and structures design // Collection of reports of winners and laureates of the XXII student scientific conference at AMTI. Armavir: Open Company «Newspaper office “Armavirsky Sobesednik”, department “Armavir printing house”, 2016. – P. 70–73.

2. Kalashnikova O.B., Gorovenko L.A. The use of optical illusions in architecture and construction // electronic journal “International student scientific bulletin” Printing house ID “Academy of Sciences”, - Saratov, – 2016. – № 5. Part 3. – P. 355-358.