XX Anniversary International Scientific Conference
"RESHETNEV READINGS"
dedicated to the memory of the space-rocket systems general designer
academician Mikhail Fedorovich Reshetnev

November 09–12, 2016
Krasnoyarsk, Russia

CONFERENCE ORGANIZERS

Federal State Budgetary Educational Institution of Higher Education
"Reshetnev Siberian State Aerospace University",
PJSC "Reshetnev Information Satellite Systems",
PJSC "Krasnoyarsk Machine-Building Plant",
with the support of
Ministry of Education and Science of the Russian Federation,
Federal Space Agency, Krasnoyarsk Region Authorities,
Board of Rectors of Krasnoyarsk Region Higher Educational Institutions,
Russian Space Federation, PJSC "Central Design Bureau "Geophysics",
Krasnoyarsk Scientific Center of Siberian Branch of Russian Academy of Sciences,
Association of Russian Higher Educational Institutions
"National United Aerospace University",
Regional State Autonomous Institution "Krasnoyarsk Regional Fund for Scientific and Technical Activities"
Technological Platform "National Information Satellite System"

The Conference will be held with the participation of technological platform "National Information Satellite Systems" (http://www.tp.iss-reshetnev.ru). Plenary sessions, round tables, forums will be attended by famous scientists, developers, designers representing the space technology sector, as well as professionals and experts in IT industry.

Dear colleguaes!
We would like to invite scientists, specialists of aerospace enterprises and organizations, university faculty members, researchers, students and postgraduate students of higher educational institutions to take part in the
XX Anniversary International Scientific Conference "Reshetnev Readings 2016".

CONFERENCE AREAS:

1. Projecting and production of aircraft, space research works and projects
2. Large transformable constructions of spacecraft
3. Aerospace engines and power stations of aircraft and spacecraft
4. Heat-mass exchange processes in aircraft, power stations and life support systems
5. Control systems, space navigation and communication systems
6. Space and special-purpose electronic instrument engineering

7. Usage of space means, technologies and geoinformation system for environmental monitoring and modelling
8. Mechanics of special systems
9. Control and testing of aerospace equipment
10. Exploitation and reliability of aircraft
11. Technology and mechatronics in machine building
12. Mathematical methods of modeling, control and data analysis
13. Applied mathematics
14. Continuum mechanics (gasdynamics, hydrodynamics, theory of elasticity and theory of plasticity, reology)
15. Information control systems
16. Programming tools and information technologies
17. Methods and means of information security
18. Nanomaterials and nanotechnologies in aerospace industry
19. Technosphere safety
20. Small spacecraft: production, exploitation and control
21. Renewable feedstocks complex processing
22. Chemistry and chemical technologies
23. Management and economic issues of aviation and space complexes
24. Logistics and supply chain management at enterprises
25. Innovation technologies in management and international cooperation in aerospace industry
26. Actual status and perspectives of engineering education development.

Conference Proceedings are included in the database of the Russian Science Citation Index. On-line version of the proceedings will be posted on the site of the electronic library Elibrary.ru.

After the conference the best reports will be published in the University's journal "SibSAU Vestnik".

REQUIREMENTS FOR PARTICIPATION

To participate in the conference one should fill in the application form (see the appendix) and send it and the abstract to the conference secretary at natalie_ivleva@mail.ru by **September 18, 2016**. All items should be arranged according to the requirements for abstracts.
Participation for all foreigners is absolutely free.

Attention! If there are several authors and they are members of different organizations, the belonging to the particular organization of each author should be stated.
Recommendations:
- the number of authors of one theses should not be more than five;
- one author can publish not more than two articles.

The Editorial Board has the right to refuse to publish the articles which:
- **DO NOT MEET THE REQUIREMENTS of the materials and documents format,**
- **DO NOT MEET THE DEADLINES for materials and documents application,**
- **DO NOT SUIT THE SUBJECT AREAS OF THE JOURNAL.**

The Organizing committee after theses receiving examines them and makes decision on the report form.
It is planned to publish the conference information package before the conference starts.

2,5 cm

UDC identifier Times New Roman 12 (OBLIGATORY)

Indent line

THE TITLE OF THE ARTICLE IN ENGLISH
IN THE MIDDLE, TIMES NEW ROMAN 12 BOLD, CAPITAL LETTERS

Indent line

A.B. First author[1], V.G. Second author[2]*, 5 authors at most

Font Times New Roman 12, in the middle

Indent line

[1]Name of the organization in English

Address, including the name of the country and index, for instance,

[1]Reshetnev Siberian State Aerospace University

31, Krasnoyarsky Rabochy Av., Krasnoyarsk, 660037, Russian Federation

[2] Name of the organization in English

Address, including the name of the country and index in English

*E-mail of the author, responsible for the communication.

Font Times New Roman 11, in the middle

Indent line

2,0 cm *Annotation in English – 1-3 lines. Font Times New Roman 12, italics, single interline interval, full justification, paragraph indention 0,5. The annotation should be 1-3 lines (align with English annotation volume). The annotation must reveal the article's content and follow the logics and material narrative sequence.* ***How the issue, declared in the article, is referred to the rocket-space theme must be stated in the annotation.*** *Do not use Passive voice! It is recommended to prepare the annotation after the article's finishing.* 2,0 cm

Indent line

Key words in English: no more than 5-7 words or collocations, font Times New Roman 12, italics, single interline interval.

Indent line

Choose font Times New Roman 12, single interline interval, paragraph indention 0.5, hyphenation is not allowed. Subtitles: font Times New Roman 12 bold.

Introduction. Besides background information about the topic, there must be stated how the issue, declared in the article, is referred to the rocket-space theme.

Illustrations are formalized in the text as fig.1, fig.2 and so on and are placed in the article's text due to their reference. Illustrations can be scanned from the original (in this case they must be clear, contrast, without extra background) or made by computer graphics means. It is needed to indent one line from the text before the illustration.

Indent line

Fig.1 The legend text under the illustration with full justification, font Times New Roman 11

Indent line

Formulae. Simple inline and one-line formulae must be typed without using special editors. Special complex symbols and multiline formulae, which cannot be typed in the usual way, must be typed in Math Type formulae editor. The set of math formulae within the whole text must be the same:

- The size of symbols is defined by Math Type Default settings (Size – Define – Default);
- Russian and Greek symbols – in Roman type;
- Latin ones – in italics.

Formulae typed in separated lines, are placed in the middle. It is not allowed to type in the main body of the article's text simple Latin, Greek or special symbols in the formulae editor.

Tables must be sequentially numbered and named within the text as tab.1, tab.2 and so on. The word "Table" is typed with light italics with right justification, font 11, lower – the name of the table (typed in bold with full justification).

2,5 cm

Indent line

Table 1

If the table is big-sized one, it can be placed on the separate page	If it has significant width – on the page of landscape orientation

* Use explanatory reference under the table, if it is needed.

Indent line

The references are placed in the end of the article and contain **not less than 5 sources**, The sources are numbered due to their quotation, i.e. starting from the first one and are collected in square brackets [1]. If the link contains several sources, than it is formalized in a following way: [2-5]. You should use National State Standart P 7.0.5-2008 while formalizing the references.

References – formalization in Roman alphabet. You should use the transliteration system of authors surnames, articles titles (if included) and sources names (http://translit.ru, choose **BGN**) and follow the formalization rules, stated on the website (http://reshetnev.sibsau.ru/index.php/trebovaniya-k-oformleniyu-tezisov).

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References

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1. If there are less than 3 authors Vapnik V., Chervonenkis A. *Teoriya raspoznovaniya obrazov* [The Theory of Pattern Recognition]. Moscow, Nauka Publ., 1974, 415 p.

2. If there are more than 3 authors Gumennikova A. V., Emel'yanovaM. N., Semenkin E. S., Sopov E. A. [About evolutionary algorithms for solving hard optimization problems]. *Vestnik SibGAU*. 2003, no. 4, p. 14–23 (In Russ.).

3. Electronic textbook StatSoft. Available at: http://www.fmi.uni-sofia.bg/fmi/statist/education/textbook/eng/glosa.html (accessed 10.1.2013).

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6. Gulia N. V. *Mahovichnyj nakopitel'* [Flywheel storage]. Patent RF, no. 2246034, 2001.

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