

Ministry of Education of Moscow Region
Federal State-Funded Educational Institution of Higher Education of Moscow
Region «Dubna University»
(Dubna State University)



XXIV research and practice conference of students
and post-graduate students
(with international participation)



First informational message

Dubna
20-31 March 2017



Dear colleagues!

We invite you to take part in the 24th research and practice conference of students and post-graduate students (with international participation) that will be held from 20 to 31 March 2017 in Dubna State University (Russian Federation, Moscow Region, Dubna).

Dubna State University has a position in TOP-100 Best Russian Universities Ranking. The University was founded and developed in the science city of Dubna. The city gained international reputation through fundamental scientific discoveries and is now becoming one of the largest innovative centers of Russian Federation. The University has modern infrastructure (5 academic buildings, 4 dormitories, the Palace of Sports), features unique equipment and laboratories complete with all the necessary components, classrooms, scientific and production locations, engineering and prototyping centers. The University produces highly-qualified specialists for different spheres and cooperates with high technology companies of special economic zone «Dubna». The University also has leading positions in management sphere university reputation ranking. The system of basic departments has been created with the help of leading employers. Alumni employment ratio is larger than the national average: more than 90% of alumni found employment, of which 75% work according to their specialty, approximately 40% work in the sphere of science, education and high technology, and some are at the head of modern large-scale enterprises. The University conducts major research and development activities and takes part in exclusive mega-science project NICA. According to Russian Science Citation Index, the University has the 4th place in international journal publication and g-index ranking, 5th place in h-index ranking, 6th place in Web of Science or Scopus journal publications ranking, 7th place in RSCI ranking etc.

Conference work streams:

- Information Technology
- Social and Human Science
- Natural and Engineering Science
- Economics and Management
- Innovation Technology

Collection of conference theses will be published.

Organizing committee:

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| D. Fursaev | Doctor of Physical and Mathematical Sciences, Rector of the University (chairman) |
| O. Kuznetsov | Doctor of Engineering Sciences, President of the University (associate chairman) |
| Yu. Kryukov | Candidate of Engineering Sciences, Prorector for Scientific and Innovation Activity (associate chairman) |
| B. Baloyan | Doctor of Chemical Sciences, Director of Ugresha University branch |
| V. Barinov | Candidate of Pedagogic Sciences, Director of DINO University branch |
| E. Boklagov | Candidate of Philosophical Sciences, Dean of Faculty of Social and Human Science |
| A. Voinova | Head of the Department of International Academic Mobility |
| R. Gorshkova | Doctor of Engineering Sciences, Head of Scientific-organizational Section |
| A. Evsikov | Candidate of Engineering Sciences, Director of Protvino University branch |
| A. Zolotareva | Candidate of Economic Sciences, Director of Kotelniki University branch |
| I. Nemchenok | Candidate of Chemical Sciences, academic secretary |
| O. Savvateeva | Candidate of Biological Sciences, Acting Dean of Faculty of Natural and Engineering Science |
| Yu. Sakharov | Doctor of Engineering Sciences, Head of the Department of Personal Electronics |
| K. Stepanov | Candidate of Economic Sciences, Dean of Faculty of Economics and Management |
| E. Cheremisina | Doctor of Engineering Sciences, Acting Director of Institute of System Analysis and Management |

Program committee:

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|-----------------|---------------------------------------------------------------------------------------------------------------|
| Ya. Shokin | Doctor of Economic Sciences, Acting Head of the Department of Economics (chairman) |
| A. Khromov | Candidate of Biological Sciences, Docent of the Department of Ecology and Earth Sciences (associate chairman) |
| N. Bagdasarian | Doctor of Philosophical Sciences, Head of the Department of Social and Human Science |
| P. Gladyshev | Doctor of Chemical Sciences, Professor of the Department of Chemistry, New Technologies and Materials |
| I. Kamanina | Candidate of Biological Sciences, Acting Head of the Department of Ecology and Earth Sciences |
| E. Kirpicheva | Candidate of Engineering Sciences, Deputy Director for Science of Institute of System Analysis and Management |
| M. Lishilin | Candidate of Engineering Sciences, Head of the Laboratory of Information Systems in Education |
| N. Melnikova | Candidate of Philosophical Sciences, Deputy Dean of Faculty of Social and Human Science |
| E. Panina | Candidate of Chemical Sciences, Leading Engineer of Scientific-organizational Section |
| N. Polotnyanko | Candidate of Chemical Sciences, Docent of the Department of Chemistry, New Technologies and Materials |
| T. Puganovskaya | Candidate of Economic Sciences, Deputy Dean of Faculty of |

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| E. Timalina | Economics and Management Candidate of Engineering Sciences, Head of the University Publishing Office |
| I. Shatunovskii | Doctor of Philological Sciences, Professor of the Department of Linguistics |

The conference includes two forms of participation:

- Oral presentation
- Poster presentation

Working languages: Russian and English

Registration fee: not applicable

Requirements for participation:

Before 15 March 2017 send to koordinator@uni-dubna.ru an e-mail containing: registration form in Russian or English (Annex 1) and abstracts written according to the rules for authors (Annex 2). State the full name of the first author and the name of the research field in the “subject” section of the e-mail.

Materials that do not meet registration requirements and materials submitted after the deadline will not be accepted and published.

Conference Program project will be posted on Dubna State University website www.uni-dubna.ru in March 2017.

Location and contact information:

Address: 141980, Russian Federation, Moscow Region, Dubna, 19 Universitetskaya Street, Dubna State University

Official website: www.uni-dubna.ru

Contact: Executive Secretary of the Conference J. Shcheblykina

E-mail: koordinator@uni-dubna.ru

THANK YOU FOR YOUR COOPERATION!

Organizing committee

Participant Registration Form

(in Russian or English)

| | |
|---------------------------------------------------------|--|
| Full name | |
| Report name | |
| Place of study (work), position, academic degree, title | |
| Postal address with index, Phone, E-mail | |
| Form of presentation (oral or poster) | |
| Form of participation (intramural or extramural) | |

Rules for authors

- Every author can submit no more than two reports for publication. In case of submitting two reports, at least one of these (or both) should be co-authored.
- The text should be typed in *Microsoft Word*. The total volume of the thesis together with all figures and tables should not exceed 2 pages of A4 format with margins of 2.5 cm on each side. The text of the report should be typed using 11p Times New Roman font without italics or underlining, with single line spacing, 1 cm indentation and justified alignment. Author names and headings are typed in bold with centered alignment, no indentation. References are enlisted in alphabetical order in accordance with current bibliographic requirements.
- The text should contain the following information: initials and surname of the author(s), full title of the article, full name of the organization represented by the participant(s) (for example: Dubna State University, Protvino University branch, etc.), brief annotation (5-7 lines), text of the report and a list of references.
- The text may contain black-and-white figures and tables without graphic objects. All figures and tables should be entitled and enumerated.
- The equations and formulas referenced in the text should be placed on a separate line and should also be enumerated. All formulas should be made in *M.Equation 3.0*.
- The file containing the report should be named after the surname of its first author in Latin letters (for example: Alexeev.doc) and should be in the format of *.doc, *.docx or *.rtf.
- In case the submitted materials do not meet these specified requirements or contain violations of intellectual property rights, publication may be denied by the decision of the Program Committee of the Conference.
- The texts of the reports are not edited, their authors are responsible for the scientific content of the reports, style and grammar.