



BAUMAN MOSCOW STATE TECHNICAL UNIVERSITY

5, 2-nd Baumanskaya Street, Moscow, 105005 Russia

<http://pirt.info/>

[*The State Duma Committee on Education of the Russian Federation;*](#)

[*Department of Physics; University of Liverpool; Great Britain;*](#)

[*S.C.&T.; University of Sunderland; Great Britain;*](#)

[*Russian Gravitational Society;*](#)

[*Moscow Physical Society;*](#)

International Meeting

Physical Interpretations of Relativity Theory - 2015

Monday 29 June – Thursday 2 July 2015

Dear Colleague,

There is to be a conference on *Physical Interpretations of Relativity Theory* in the **Bauman Moscow State Technical University** between **Monday 29th June to Thursday 2th July 2015**, devoted to the 50th Anniversary of the Scientific and Educational Division «Fundamental Sciences» of the Bauman Moscow State Technical University.

The objectives of this conference are the same as those pursued in the *Physical Interpretations of Relativity Theory (PIRT)* conferences which have been held in Imperial College, London, every two years since 1988. These objectives are the physical, geometrical, and mathematical interpretations of the formal structure of Relativity Theory, and to examine the questions concerning the various interpretations of the accepted mathematical expression of the Relativity Principle.

The Conference Program of the Moscow PIRT-2015 will include papers dealing with the following major themes:-

Cosmology, Gravitation and Space-Time Structure.

Time, Reference Frames and the Fundamentals of Relativity.

Experimental Aspects of Relativity.

Formal Structures and Physical Interpretations of Relativity Theory.

Nature and Models of the Physical Vacuum.

Information Theoretical Aspects of Space-Time Structure.

The Poincare-Lorentz and the Einstein-Minkowski expositions of the Relativity Principle.

Analogues of Relativity and Quantum Mechanics. Historical and Philosophical Aspects of Relativity.

This is not an exhaustive list, and colleagues wishing to submit papers dealing with different subjects should send an outline of their proposed presentation to the organizers of the Moscow conference.

CONFERENCE ADMINISTRATION: ADDRESSES

The **International Organizing Committee of Moscow PIRT-2015** is directed by:

Prof. A.A. Aleksandrov, Rector of Bauman MSTU

Prof. V.O. Gladyshev, Head of Fundamental Science Faculty, Bauman MSTU, Russia (dekan-fn@mail.ru)

Prof. M.C. Duffy, University of Sunderland, United Kingdom (michael.duffy9@btopenworld.com)

Prof. P. Rowlands, University of Liverpool, Liverpool, United Kingdom (P.Rowlands@liverpool.ac.uk)

The **Academician Committee of Moscow PIRT-2015** is directed by:

Member of RAS, Prof. V.I. Pustovoi, Director of Science Technological Centre of Unique Instruments of RAS, Russia (vlad_pst@yahoo.com)

Prof. A.N. Morozov, Head of Physics Dept., Bauman MSTU, Russia (amor@mx.bmstu.ru)

Postal Communications may be sent to:

Prof. V.O. Gladyshev (dekan-fn@mail.ru)

Organizing Committee of Moscow PIRT-2015,

Department of Physics, Bauman Moscow State Technical University,

5, 2-nd Baumanskaya st., Moscow 105005, RUSSIA

Prof. P. Rowlands, (P.Rowlands@liverpool.ac.uk)

University of Liverpool, Liverpool, United Kingdom

SUBMISSION OF ABSTRACTS & TEXTS

Abstracts (one page of text) **and Papers** (5-10 pages of text including figures) in English offered for inclusion in the Moscow PIRT-2015 Program should be sent to the Local Organizing Committee **before 1st May**.

The format of files of abstracts and papers is *.docx and *.doc. An article should be formed as one file and should include:

1. The Theme Categories;
2. A title;
3. Information about authors;
4. Key words;
5. A brief annotation;
6. Text of paper;
7. A list of references;
8. Illustrations and tables should be numbered and titled and be included into the text of paper.

The example of an article you can see on the Moscow PIRT-2015 web-site

<http://pirt.info/>

All enquiries concerning length of abstracts, papers, registration, accommodation, etc. should be sent to the Organizing Committee preferably by e-mail to **Prof. V.O. Gladyshev** dekan-fn@mail.ru.

Conference proceedings will be available in electronic form via the website (<http://pirt.info/>) and in the electronic library of Russian Science Citation Index.

Colleagues from countries outside Russia should note that a visa is required for entry into the country, and it is essential to leave time for applying for this document which may take two or three weeks to obtain, sometimes longer. It is therefore in the interests of all non-Russian participants to prepare for participation in the Moscow PIRT conference by the earliest date possible.

ACCOMMODATION

Rooms will be reserved in the Izmailovskii Tourist Hotel Complex (Izmailovskoe Shosse, 71, 3V, Moscow, 105187. E-mail: book@hotel-vega.ru, www.hotel-vega.ru or <http://en.hotel-vega.org/>).

The hotel is near the underground station “Partizanskaya” (3 station from the underground station “Baumanskaya” and Bauman Moscow State Technical University).

The Organising Committee has also other variants of accommodation near Bauman Moscow State Technical University.

TRANSLATION AND EXCURSIONS

English and Russian languages are the working languages at the conference. The Organising Committee can arrange interpretation for foreign participants during official parts of the Meeting and excursions.

The Organizing Committee plans to organize an excursion about the centre of Moscow and to BMSTU Museum. Participants may also inform the Committee about other places of interest, which they desire to visit.

WEB-SITE

Information concerning the Moscow PIRT Conference will be posted on the PIRT web-site:

<http://pirt.info/>

All enquiries concerning the London PIRT conferences should be sent to **Dr. M.C.Duffy** michael.duffy9@btopenworld.com, FAX +44 (0) 1282 454 087, P.O. Box 342, Burnley, Great Britain, BB10 1XL and **Dr. P.Rowlands**, (University of Liverpool, Liverpool, United Kingdom P.Rowlands@liverpool.ac.uk)

Please send the **Registration form**, together with an **Abstract** of your proposed contribution, to the Local Organizing Committee at the Bauman Moscow State Technical University:

REGISTRATION FORM

Physical Interpretations of Relativity Theory - 2015, Moscow, Russia
29 June – 02 July 2015

Section A: GENERAL INFORMATION

PLEASE complete ALL sections of the form in English language:

First name, patronymic name, surname name	
Country	
Full name of a place of employment	
Full name of a department \ a chair \ a division	
Position	
Science degree \ post graduate degree	
Address	
Telephone number	
E-mail	
Title of the report	
Accompanying persons (number, names, initials)	

PLEASE complete ALL sections of the form in Russian language (only for participants from Russia):

ФИО	
Город, страна	
Наименование места работы	
Название подразделения (кафедры)	
Должность	
Ученая степень, звание	
Полный адрес	
Телефон	
Электронная почта	
Название доклада	
Сопровождающие лица (число человек, фамилии, инициалы)	

Section B: ACCOMMODATION

PLEASE complete ALL necessary information:

ARRIVAL DATE _____ (Approximate time of arrival if known)

DEPARTURE DATE _____ (Approximate departure time if known)

NUMBER OF NIGHTS FOR WHICH ACCOMMODATION IS REQUIRED _____

ANY SPECIAL REQUIREMENTS (Ground Floor/Shared Room), please state

ACCOMPANYING PERSON (Number of nights for which accommodation is required)

DELEGATE: _____ nights accommodation.

ACCOMPANYING PERSON _____ nights.