

# 16th Russian Gravitational Conference – International Conference on Gravitation, Cosmology and Astrophysics (RUSGRAV-16)

*Russian Gravitational Society  
Immanuel Kant Baltic Federal University  
Centre for Gravitation and Fundamental Metrology, VNIIMS  
Peoples' Friendship University of Russia*

**Russia, Kaliningrad, June 24 – June 30, 2017**

Conference page: <http://eng.kantiana.ru/rusgrav16/>

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## FIRST ANNOUNCEMENT

Dear colleagues,

It is a pleasure for us to invite you to participate in the **16th Russian Gravitational Conference – International Conference on General Relativity, Cosmology and Astrophysics** to be held in Kaliningrad, Immanuel Kant Baltic Federal University from June 24 till June 30, 2017. Such conferences are organized by the Russian Gravitational Society each 3 years in different Russian cities. Usually, scientists from all Russian groups working in these fields participate and many foreign scientists as well.

The conference program includes plenary and sectional reports, posters and non-formal discussions on the latest developments in the theory of gravitation, theoretical and observational cosmology and astrophysics, gravitational experiments, fundamental constants etc.

The conference languages are **Russian and English**.

## Main Topics and Section Moderators

Topic	Section Chair
<b>GR and its Extensions in 4D</b>	Vladimirov Yu.S. <a href="mailto:yusvlad@rambler.ru">yusvlad@rambler.ru</a> Odintsov S.D. <a href="mailto:sdodintsov@gmail.com">sdodintsov@gmail.com</a>
<b>Cosmology</b>	Starobinsky A.A. <a href="mailto:alstar@landau.ac.ru">alstar@landau.ac.ru</a> Chervon S.V. <a href="mailto:chervon.sergey@gmail.com">chervon.sergey@gmail.com</a>
<b>Black Holes and Wormholes</b>	Bronnikov K.A. <a href="mailto:kb20@yandex.ru">kb20@yandex.ru</a> Sushkov S.V. <a href="mailto:sergey_sushkov@mail.ru">sergey_sushkov@mail.ru</a>
<b>Quantum Gravity, Strings and M-Theory</b>	Galtsov D.V. <a href="mailto:gdmv04@mail.ru">gdmv04@mail.ru</a> Buchbinder I.L. <a href="mailto:joseph@tspu.edu.ru">joseph@tspu.edu.ru</a>
<b>Multidimensional Models &amp; Fundamental Constants</b>	Melnikov V.N. <a href="mailto:melnikov@phys.msu.ru">melnikov@phys.msu.ru</a> Ivashchuk V.D. <a href="mailto:ivashchuk@mail.ru">ivashchuk@mail.ru</a>
<b>Gravitational Experiments &amp; Relativistic Astrophysics</b>	Rudenko V.N. <a href="mailto:rvn@sai.msu.ru">rvn@sai.msu.ru</a> Bisnovaty-Kogan G.S., <a href="mailto:gkogan@iki.rssi.ru">gkogan@iki.rssi.ru</a> Sazhin M.V. <a href="mailto:sazhin@sai.msu.ru">sazhin@sai.msu.ru</a>

## International Organizing Committee

- Melnikov V.N. (Chairman, RGS, Centre for Gravitation and Fundamental Metrology, VNIIMS and Peoples' Friendship University of Russia, Moscow, Russia);
- Sushkov S.V. (Vice-Chairman, Kazan Federal University, Kazan, Russia);
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- Beesham A. (University of Zululand, KwaZulu-Natal, South Africa);
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- Bisnovaty-Kogan G.S. (Inst. Space Research, Moscow, Russia);
- Bronnikov K.A. (CGFM, Moscow, Russia);
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- Frolov V.P. (Canada);
- Grib A.A. (Friedmann Lab., St-Petersburg, Russia);
- Ignat'ev Yu.G. (KSPU, Kazan, Russia);
- Kenmoku M. (NWU, Japan);
- Luo Jun (Wuhan, China);
- Maeda K.-I. (Waseda University, Japan);
- Maharaj S.D. (University of Zululand, KwaZulu-Natal, South Africa);
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- Mostepanenko V.M. (Pulkovo Observatory, St-Petersburg, Russia);
- Chiang-Mei Chen (NSU, Taiwan);
- Nicolai H. (AEI, Germany);
- Nordtvedt K. (USA);
- Novello M. (CBPF, Brazil);
- Novikov I.D. (Astro Space Centre, Moscow, Russia);
- Romero C. (UFPB, Brazil);
- Rubakov V.A. (Inst. Nucl. Research, Moscow, Russia);
- Rudenko V.N. (Sternberg Astron. Inst., Moscow, Russia);
- Ruffini R. (ICRA, Italy);
- Sazhin M.V. (Sternberg Astron. Inst., Moscow, Russia);
- Kim S.-W. (EWU, Korea);
- Kim S.-P. (Kunsan National University, Korea);
- Dolgov A.D. (Italy, Russia);
- Lukash V.N. (Russia);
- Odintsov S.D. (Spain, Russia);
- Barvinsky A.O. (Russia);
- Kamenshchik A.Yu. (Italy, Russia);
- Zhuravlev V.M. (Russia)

## Local Organizing Committee

- Klemeshev A.P. (Chairman, Rector of I. Kant Baltic Federal University, Kaliningrad, Russia);
- Zilber E.K. (Vice-Rector for Scientific Research, I. Kant Baltic Federal University, Kaliningrad, Russia);
- Yurov A.V. (Director of Physics, Mathematics & IT Dep., I. Kant Baltic Federal University, Kaliningrad, Russia);
- Shpilevoy A.A. (1st Vice-director of Physics, Mathematics & IT Dep., I. Kant Baltic Federal University, Kaliningrad, Russia);
- Samusev I.G. (Vice-director for Scientific Research, Physics, Mathematics & IT Dep., I. Kant Baltic Federal University, Kaliningrad, Russia);
- Astashenok A.V. (Physics, Mathematics & IT Dep., I. Kant Baltic Federal University, Kaliningrad, Russia);
- Yurov V.A. (Physics, Mathematics & IT Dep., I. Kant Baltic Federal University, Kaliningrad, Russia);
- Yaparova A.V. (Physics, Mathematics & IT Dep., I. Kant Baltic Federal University, Kaliningrad, Russia);
- Demin M.V. (Head of Dep. of Scientific Research, I. Kant Baltic Federal University, Kaliningrad, Russia)
- Belova A.V. (Dep. of Scientific Research, I. Kant Baltic Federal University, Kaliningrad, Russia).

## Registration

In order to get registered, please fill in the Application Form ([http://eng.kantiana.ru/upload/medialibrary/447/anketa\\_rusgrav16.docx](http://eng.kantiana.ru/upload/medialibrary/447/anketa_rusgrav16.docx)) and send it to the Local Organizing Committee Scientific Secretary: A. Yaparova ([AYAparova@kantiana.ru](mailto:AYAparova@kantiana.ru)) until **April 28, 2017**.

Earlier registration and abstracts submission are strongly recommended.

## Abstracts

The abstracts should be sent in electronic form to the Local Organizing Committee Scientific Secretary: A. Yaparova ([AYAparova@kantiana.ru](mailto:AYAparova@kantiana.ru)) with a copy for the appropriate section moderator. Abstracts sent by fax or post will not be accepted.

The abstracts (within 1 page) should be prepared in LaTeX2e, documentclass “article”, page setup: size A4, left, right, top and bottom margins 2 cm each, font 12pt, figures in the eps format. You are kindly requested not to use your own macros when preparing the document. If there are figures, please, pack them together with the TEX file to a single rar- or zip-archive file. The Organizing Committee does not place the upper limit on the number of talks and abstracts. However, the Organizing Committee reserves the right to reject the talks whose subject and/or level does not conform to the conference format. Nevertheless, in such cases the authors may take part in the conference as listeners and use all the service available.

Abstracts are planned to be published before the Conference. After the Conference, the Organizing Committee intends to publish the Proceedings based on the best talks. The Proceedings info will be announced later. Plenary talks will be published in the RGS international journal “Gravitation and Cosmology” [indexed in Web of Science, Impact Factor 0,909 (2015)].

**The deadline for submitting abstracts and registration: April 28, 2017.**

## Registration Fee

The Registration Fee is USD 200 for foreign participants and 1000 RUB for Russian participants. The Registration Fee provides the organization costs, including coffee-breaks, social program and the banquet. The Registration Fee does not depend on the number and size of published materials and is taken from every participant of the conference.

The Registration Fee can be paid on arrival or through a bank transfer with the following requisites:

For payments in USD:

<b>Beneficiary</b> (Получатель)	<b>IMMANUEL KANT BALTIC FEDERAL UNIVERSITY</b>
<b>Beneficiary's address</b> (Адрес получателя)	KALININGRAD, A. NEVSKIY STREET, 14
<b>Beneficiary's acc</b> (Транзитный счет получателя)	40503840401802141551 (USD)
<b>Beneficiary's bank</b> (Банк получателя)	VOZROZHDENIE BANK (KALININGRAD BRANCH) 12, SOVETSKIY PROSPEKT, 236022 KALININGRAD RUSSIAN FEDERATION SWIFT COD: VBNK RU MM XXX
<b>Intermediary</b> (chose 1 of 3) (Банк посредник)	<b>1. VTB BANK (FRANCE) SA</b> 79-81, Boulevard Haussmann-75382 Paris Cedex 08, France. Account number: 01549039 01549010 SWIFT: EUROFRPP  <b>2. THE BANK OF NEW YORK MELLON</b> One Wall Street, New York, NY10286, USA Account number: 890-0085-681 SWIFT: IRVTUS3N  <b>3. JP MORGAN CHASE BANK NA</b> 270 Park Avenue, New York, NY 10017, USA Account number: 400920735 SWIFT: CHASUS33

For payments in RUB:

**ФГАОУ ВО «Балтийский федеральный университет имени Иммануила Канта»**

**236041, г. Калининград, ул. А. Невского, д.14**

**ИНН/КПП 3906019856/390601001**

**ОКПО 02068255/ОКОНХ 92110**

**ОГРН 1023901002949**

**р/с 40503810400004072170**

**в филиале «Европейский» ПАО "БАНК "САНКТ-ПЕТЕРБУРГ"**

**К/с 30101810927480000877**

**БИК 042748877**

## **Accommodation**

The accommodation is provided in Kaliningrad hotels and IK BFU hostel. The Organizing Committee recommends the following hotels:

1. Hotel "Tourist", A. Nevskogo, 53
2. Hotel "Kaliningrad", Leninsky prospect, 81
3. Hotel "Radisson", Ploshchad Pobedy, 10
4. "Villa Tatiana", Linejnaya str, 11

For conference participants only: To take your reservation, please inform the Organizing Committee as soon as possible.