

**Russian Gravitational Society  
Russian Foundation for Basic Research  
Kazan Federal University  
Centre for Gravitation and Fundamental Metrology, VNIIMS  
Peoples' Friendship University of Russia**

**15<sup>th</sup> Russian Gravitational Conference -  
International Conference on Gravitation, Cosmology and  
Astrophysics (RUSGRAV-15), and  
International School on Gravitation and Cosmology  
(GRACOS-2014)**

*Kazan, June 30 – July 5, 2014*

**1<sup>st</sup> ANNOUNCEMENT**

*Dear colleagues,*

We are happy to inform you that the **15th Russian Gravitational Conference - International Conference on Gravitation, Cosmology and Astrophysics (RUSGRAV-15) and the International School on Gravitation and Cosmology (GRACOS-2014)** will be held in the city of Kazan, in one of the oldest Russian universities, Kazan Federal University, **on June 30 - July 5, 2014**.

The conference program will include plenary and sectional talks, lectures, posters and informal discussions on the latest developments in gravitation and cosmology. Young scientists taking part in the conference will have a unique opportunity to present their talks at a large international meeting and to hear the lectures of leading specialists.

The working languages are **Russian and English**. It is planned to issue the conference and school materials before their beginning. The following sections will work at the conference:

**A. Classical theory of gravity.**

Heads: Yu.S. Vladimirov ([yusvlad@rambler.ru](mailto:yusvlad@rambler.ru)), V.G. Bagrov ([bagrov@phys.tsu.ru](mailto:bagrov@phys.tsu.ru)), A.B. Balakin ([Alexandr.Balakin@ksu.ru](mailto:Alexandr.Balakin@ksu.ru)).

**B. Quantum gravity, string theory, supergravity.**

Heads: D.V. Galtsov ([galtsov@physics.msu.ru](mailto:galtsov@physics.msu.ru)), A.A. Grib, V.M. Mostepanenko.

**C. Multidimensional gravity and fundamental physical constants.**

Heads: V.N. Melnikov ([melnikov@phys.msu.ru](mailto:melnikov@phys.msu.ru)), V.D. vashchuk ([ivashchuk@mail.ru](mailto:ivashchuk@mail.ru)).

**D. Cosmology.**

Heads: A.A. Starobinsky ([alstar@landau.ac.ru](mailto:alstar@landau.ac.ru)), Yu.G. Ignatyev ([ignatev\\_yu@rambler.ru](mailto:ignatev_yu@rambler.ru)).

**E. Relativistic astrophysics. Black holes and wormholes.**

Heads: G.S. Bisnovaty-Kogan ([gkogan@iki.rssi.ru](mailto:gkogan@iki.rssi.ru)), K.A. Bronnikov ([kb20@yandex.ru](mailto:kb20@yandex.ru)), S.V. Sushkov ([sergey\\_sushkov@mail.ru](mailto:sergey_sushkov@mail.ru)).

**F. Gravitational experiment.**

Head: V.N. Rudenko ([rvn@sai.msu.ru](mailto:rvn@sai.msu.ru)).

### **International Organizing Committee:**

V.N. Melnikov (Chairman, RGS, Centre for Gravitation and Fundamental Metrology, VNIIMS and PFUR, Moscow), Yu.G. Ignatyev (Vice-chairman, Kazan Federal Univ., Kazan), D.V. Galtsov (Vice-chairman, Moscow State Univ.), A.A. Starobinsky (Vice-chairman, Landau ITP, Moscow), Yu.S. Vladimirov (Vice-chairman, Moscow State Univ.), S.V. Bolokhov (Scientific secretary, RGS, Peoples' Friendship Univ. of Russia, Moscow)

J.-M. Alimi (LUTH, Obs. Paris-Meudon, France), A.V. Aminova (Kazan' State Univ.), V.G. Bagrov (Tomsk State Univ.), V.A. Belinsky (ICRA, Italy), V.A. Berezin (Inst. Nucl. Research., Moscow), G.S. Bisnovaty-Kogan (Inst. Space Research, Moscow), K.A. Bronnikov (CGFM, Moscow), I.L. Buchbinder (Tomsk State Pedagogical Univ.), V.P. Frolov (UA, Canada), A.A. Grib (Gertsen State Pedagogical Univ. and Friedmann Lab., St-Petersburg), M. Kenmoku (NWU, Nara, Japan), M.Yu. Khlopov (MIFI, Moscow), V.N. Lukash (Astro Space Centre, Lebedev PI, Moscow), Luo Jun (HUST, Wuhan, China), Roy Maartens (Inst.Grav.& Cosmol., Portsmouth Univ., Britain), K.-I. Maeda (Waseda Univ, Tokyo, Japan), S.D. Maharaj (KwaZulu-Natal Univ., Durban, SA), A. Minkevich (Minsk, BSU, Belarus'), V.M. Mostepanenko (Leipzig Univ., Germany), V. Mueller (AIP, Potsdam, Germany), J.V. Narlikar (IUCAA, Pune, India), J. Nester (NSU, Taiwan), H. Nicolai (AEI, Golm, Germany), K. Nordtvedt (USA), M. Novello (CBPF, Rio de Janeiro, Brazil), I.D. Novikov (Astro Space Centre, Lebedev PI, Moscow), V.F. Panov (PSNRU, Perm), C. Romero (UFPB, Joao Pessoa, Brazil), V.A. Rubakov (Inst. Nucl. Research, Moscow), V.N. Rudenko (Sternberg Astron. Inst., Moscow), R. Ruffini (ICRA, Italy), K. Sato (IPMU, Tokyo Univ., Japan), M.V. Sazhin (Sternberg Astron. Inst., Moscow), Sung-won Kim (EWU, Seoul, Korea), S.V. Sushkov (Kazan Federal Univ., Kazan), R. Triay (CPT, CNRS, Marseille, France), A.I. Zhuk (Odessa Nat. Univ., Ukraine), A.P. Yefremov (Peoples' Friendship Univ. of Russia, Moscow), S.V. Chervon (Ulyanovsk State Pedagogical Univ., Ulyanovsk)

### **Local Organizing Committee:**

*Chairman:* Prof. Yu.G. Ignatyev ([ignatev\\_yu@rambler.ru](mailto:ignatev_yu@rambler.ru))

*Co-chairman:* Prof. S.V. Sushkov ([sergey\\_sushkov@mail.ru](mailto:sergey_sushkov@mail.ru))

*Scientific secretary:* A.A. Popov ([arkady\\_popov@mail.ru](mailto:arkady_popov@mail.ru))

*Technical Secretary:* Ms. Alsu Samigullina ([alsu\\_sam@rambler.ru](mailto:alsu_sam@rambler.ru))

### **Registration of the Conference and School participants:**

To get registered, please fill the registration form (see below) and send it, along with the talk materials, to the e-mail [arkady\\_popov@mail.ru](mailto:arkady_popov@mail.ru). The talk materials should also be sent to the appropriate section heads. The deadline for registration and sending the materials is **15 April 2014**.

### **Abstracts**

The abstracts (within 2 pages) 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 text file to a single rar or zip archive file. The Organizing Committee does not place an 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 do not conform to the conference format. Nevertheless, in such cases the authors can take part in the conference and the school as listeners and use all the service available. The Organizing Committee will recommend the best talks for publication in the journals "Gravitation and Cosmology" and "Space, Time and Fundamental Interactions".

### **Registration fee**

For foreign participants: 200 USD. The registration fee provides the organization costs, including coffee breaks 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 and the school.

**Accommodation**

The accommodation is provided in the hotels of Kazan and the Kazan University, including rooms in the Universiade Village. The accommodation costs are by now:

- 2000-3500 rubles per day (single and double rooms) in Kazan hotels,
- 550 rubles per day (single and double rooms) in the KFU hotel and in the Universiade Village.

**Excursions** in the city of Kazan and along the Volga river to historical towns of Sviyazhsk and Bulgar.