

**Russian summer school-seminar**  
**Modern theoretical problems of gravitation and  
cosmology**

***GRACOS-2009***

**Kazan-Yalchik, Russia, August 24-29, 2009**

<http://gracos-kazan.ru>

**Dear colleague,**

The 2-d Russian school-seminar ***GRACOS-2009 "Modern theoretical problems of gravitation and cosmology"*** will be held from August 24 to August 27, 2009 in Kazan on the basis of Tatar State University of Humanities and Education (TSUHE). A scientific program of the conference includes plenary and work sessions and informal round-table discussions. Students and young scientists are invited to participate in school's work; a school program consists of review and educational lectures which will be given by leading scientists.

**The *GRACOS-2009* organizers:**

- [The Russian gravitational society](#)
- [Tatar State University of Humanities and Education](#)

**Organizing Committee:**

- Prof. V.N. Melnikov (Chairman), Centre for Gravitation and Fundamental Metrology, VNIIMS and Institute of Gravitation and Cosmology, Peoples' Friendship University of Russia, Moscow, Russia
- Prof. D.V. Galtsov (Vice-chairmen), Moscow State University, Moscow, Russia
- Prof. Yu.G. Ignatyev (Vice-chairmen), Tatar State University of Humanities and Education, Kazan, Russia
- Prof. A.A. Starobinsky (Vice-chairmen), Institute of Theoretical Physics RAS, Moscow, Russia
- Prof. S.V. Sushkov (Scientific secretary), Tatar State University of Humanities and Education, Kazan, Russia

**Local Organizing Committee:**

- Prof. Yu.G. Ignatyev (Chairmen), Tatar State University of Humanities and Education, Kazan, Russia ([ignatev\\_yu@rambler.ru](mailto:ignatev_yu@rambler.ru))
- Prof. S.V. Sushkov (Scientific secretary), Tatar State University of Humanities and Education, Kazan, Russia ([sergey\\_sushkov@mail.ru](mailto:sergey_sushkov@mail.ru))
- Prof. A.B. Balakin, Kazan State University, Kazan, Russia
- Prof. N.R. Khusnutdinov, Tatar State University of Humanities and Education, Kazan, Russia
- Prof. A.A. Popov, Tatar State University of Humanities and Education, Kazan, Russia

**Sessions:**

- General Relativity  
(conveners: Yu.V. Vladimirov, V.G. Bagrov, A.B. Balakin)
- Cosmology  
(conveners: A.A. Starobinskii, V.N. Lukash, Yu.G. Ignatyev)
- Quantum gravity, Branes and unified theories  
(conveners: D.V. Galtsov, A.A. Grib, N.R. Khusnutdinov)
- Multidimensional theories  
(conveners: V.N. Melnikov, V.D. Ivaschuk)
- Black holes and wormholes  
(conveners: K.A. Bronnikov, S.V. Sushkov)

**General information:**

The conference will function in the recreation centre of TSUHE "Yalchik" situated on the bank of the picturesque forest lake Yalchik – about 80 km north of Kazan. A habitation is *rent-free*. A dining-room with three meals a day will work (the cost is approximately 200 Rubles per day ~ 6 USD). Excursions and social program are planned.

**The conference's languages:** *Russian* and *English*

**Visa**

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 *GRACOS-2009* by the earliest date possible. An original letter of invitation to the *GRACOS-2009* is needed when applying for a visa. Registered participants can obtain such a letter from the Conference secretariat. As the process for obtaining a visa takes time, requests for letters of invitation should reach the Conference secretariat not later than June 1, 2009.

**Conference fee**

Conference fee is 150 EUR and includes coffee breaks, a bus transfer from Kazan to Yalchik, a social program, conference banquet and proceedings.

**Conference materials**

Abstracts (up to one page of text) prepared in LaTeX2e and offered for inclusion in the *GRACOS-2009* program should be sent to the Local Organizing Committee before 15th May.

**Registration**

Persons wishing to take part in the conference have to fill the registration form and send it to the Local Organizational Committee.

For any questions concerning the conference, please do not hesitate to contact the Local Organizing Committee by e-mail to the scientific secretary Prof. S.V. Sushkov [sergey\\_sushkov@mail.ru](mailto:sergey_sushkov@mail.ru).

**Registration form**  
Russian summer school-seminar  
Modern theoretical problems of gravitation and cosmology  
TSHPU, Kazan-Yalchik, Russia  
August 24-29, 2009

Name (Prof/Dr/Mr/Ms):

First names:

Position:

University:

Address for conference communication:

Postcode:

Phone:

Fax:

E-mail:

Title of report and session (1):

Title of report and session (2):

Scientific supervisor (for students):