

Russian Academy of Sciences  
Academy of Sciences Of Republic of Tatarstan  
Ministry of General and Special Education of Russian Federation  
Ministry of Industry, Science and Technology of Russian Federation  
Federal Target Program "Integration"  
Russian Foundation for Basic Research  
Governmental Committee for Affairs of Youth of Republic of Tatarstan

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Kazan Physical- Technical Institute

Kazan State University

State Science Centre of Russian Federation  
Institute of Theoretical and  
Experimental Physics

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## PETROV SCHOOL

### XV International Summer School on Recent Problems in Theoretical and Mathematical Physics

*Volga - 2003*

Republic of Tatarstan, Kazan, June 22 - July 3, 2003

The Petrov School Organising Committee staff  
The Chair for Relativity Theory and Gravitation  
Kazan State University,  
18 Kremlevskaya St., Kazan, 420008

**Number of Attendees:** 150.

**Organizing Committee:**

A.V. Aganov  
A.V. Aminova (Chair)  
V.G. Bagrov  
A.B. Balakin  
D.R. Brill (USA)  
Yu.S. Vladimirov  
J.-P. Gazeau (France)  
A.A. Grib  
V.G. Zhotikov  
V.M. Zhuravlev  
T. Kawaguchi (Japan)  
V.R. Kaigorodov

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URL: [http://www.kcn.ru/petrov\\_school](http://www.kcn.ru/petrov_school)

V.N. Melnikov  
T.M. Mishchenko  
A.Yu. Morozov (Co-Chair)  
V.N. Mostepanenko  
V.P. Pavlov  
K.M. Salikhov (Co-Chair)  
N.A. Sakhibullin  
M. Kh. Salakhov  
V.A. Sochneva  
J. J. Steyaert (Belgium)  
V. F. Stenin  
A.L. Suvorov  
G.S. Hall (U.K.)

**Scientific secretary:** Maxim Noskov

**Permanent secretaries:** Ivan Gordeli, Lilia Dusakova, Elena Romanova, Evgenya Shustova

**Scientific Programme:**

String theory  
Supersymmetry  
Quantum Groups  
Integrable Systems  
Black Holes  
Geometry and Topology  
Non-commutative Geometry  
Quantum Calculations

**I. Lecture Courses.**

**II. Survey Lectures**

**III. Talks, posters**

**IV. Student seminars and discussions.**

## V. Contests for secondary school pupils.

**Languages:** Russian and English.

**Publications** The transactions of the School will be published in

- "Abstract book",
- "Proceedings",
- "Lecture Notes".

**Location:** International youth camp "Volga", situated in the pine forest on the bank of the Volga river, 30 kilometers from Kazan (near the village Borovoe Matushino).

Volga camp director Sakhiev Raikhat Saikhievich

Phones: +7(8432)670217 (secretary's desk), +7(8432)670206 (accounting office).

*Transport:*

- from the airport by bus № 121 ("Airport-Kazan") to the bus stop "RKB", then by bus № 39 to the bus stop "Pavlukhin st.", here change to the bus terminal "Turgai" (about 200 meters) and take bus № 112 ("Borovoe Matushino"), get off at the bus stop "Volga Camp",
- from the railway station, by tram № 4 to the tram stop "Esperanto st.", here change to the bus terminal "Turgai" (about 200 meters) and take bus № 112 ("Borovoe Matushino"), get off at the bus stop "Volga Camp".
- From the river port, by trolleybus № 2 or № 7 to the trolleybus stop "Tukai square" then by tram № 4 or № 6 to the tram stop "Esperanto st.", here change to the bus terminal "Turgai" (about 200 meters) and take bus № 112 ("Borovoe Matushino"), get off at the bus stop "Volga Camp".

*Accommodation payment (per a day):*

- Finnish-type (A-frame) house— 200 rub.
- Bungalow – 100 rub.

*Boarding payment (per a day)* 270 rub.

Accommodation and boarding payment for the whole period (June, 22 – July, 3):

- Finnish-type (A-frame) house— 5170 rub.
- Bungalow – 4070 rub.

### **Registration:**

- 22 June, from 7.00 till 19.00 – at the Chair for relativity theory and gravitation, KSU physics department high rise, 11<sup>th</sup> floor, room. 1106 (18 Kremlevskay St., Kazan).

*Transport:*

- from the airport, by bus № 121 ("Airport-Kazan") to the bus station "Patris Lumumba st.", then by tram № 12 to the tram stop "University",
  - from the railway station by tram № 2 or № 4 to the tram stop "Tukai square", then by trams № 5, № 8 or № 12 to the tram stop "University".
  - From the river port by trolleybus № 2 or № 7 to the trolleybus stop "University"
- From 22 June after 19.00 - at the Volga camp.

*Transport:* (see **Location**).

**Departure for the Volga camp** is from the KSU physics department building on 22 June at

- 14.00,
- 19.00.

**Registration Fee:** in the amount of \$150 is paid at registration.

For detailed information about Republic of Tatarstan, Kazan, Kazan State University as well as about the School please see the following links:

- <http://www.kcn.ru>,
- [http://www.kcn.ru/petrov\\_school](http://www.kcn.ru/petrov_school).

**Chair of Organizing Committee:** **Asya Vasilyevna Aminova**

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**Scientific secretary:** **Maxim Noskov**

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**Permanent secretaries:**

**Ivan Gordeli** **E-ml:** [vanyagor@mail.ru](mailto:vanyagor@mail.ru)  
**Lilia Dusakova** **E-ml:** [Liliya.Dusakova@mail.ru](mailto:Liliya.Dusakova@mail.ru)  
**Evgeniya Shustova** **E-ml:** [eugeniya.shustova@ksu.ru](mailto:eugeniya.shustova@ksu.ru)  
**Elena Romanova**

Send to: Prof. A.V. Aminova, KGU, 420008, Kazan, Russia or volga@ksu.ru or http://www.kcn.ru

REGISTRATION FORM

XIII International summer school and seminar "Volga –2001" on recent problems in theoretical and mathematical physics  
(Kazan, 22 June - 3 July, 2001)

1e. All Names					
2e. Date and place of birth:			3e. Passport number:		
Where will you apply for visa? 41e. Country                      42e. City			40e. Expiration date		
4e. Affiliations:			5e. Position:		
6e. Address					
7e. Fax:		8e. Phone:		9e. E-mail	
10e. Private address:					
11e. Fax:		12e. Phone:		13e.E-mail:	
14e Arrival In Kazan:		15e. Date Time	16e. <input type="checkbox"/> Airport Flight № .	17e. <input type="checkbox"/> Railway station Train №    Car №	18e. <input type="checkbox"/> River port Trip №
19e. Departure From Kazan:		20e. Date Time	21e. <input type="checkbox"/> Airport Flight № .	22e. <input type="checkbox"/> Railway station Train №    Car №	23e. <input type="checkbox"/> River port Trip №
24e. The Type of your report(s) (poster, brief report, report, lecture)					
25e. Title					
26e. Abstract(s)					
27e. Information about accompanying persons (all names, age, pasport number etc. to get visa)					
Accommodation: 28e <input type="checkbox"/> Bungalow    29e. <input type="checkbox"/> Finn house    30e. <input type="checkbox"/> Lux (Suite) Number of beds:					

ADDITIONAL INFORMATION

31e. Research field :	
32e.Degree: <input type="checkbox"/> 32e. None <input type="checkbox"/> PhD <input type="checkbox"/> Dr. Sci	
Total number of publications List of main publications	
1.	
2.	
3.	

Use extra sheet if necessary.