



**Saint-Petersburg** is the second largest Russian city with a population of almost five million people. It is the largest northern city on the planet.

**Saint-Petersburg**, the former capital of imperial Russia, has many splendid architectural treasures, theatres, art museums, and, of course, the world famous Hermitage. The city has recently undergone an extensive renovation in celebration of its 300th anniversary in 2003.

**Saint-Petersburg** is often called the Venice of the North, because it lies on 44 islands divided by a network of 86 rivers and canals.

**Saint-Petersburg** is famous for its "white nights", a period when the night is so light as if the day never ends. Many bridges are raised, so that numerous strolling romantics can enjoy the sight of ships passing down the Neva river city waterway all night long.

**Potential participants are invited to visit the Symposium website:**

**<http://conferencenews.ru/RGD25>**

Registration for the Symposium as well as the abstracts submission, hotel accommodation reservation, other services order, and payments for the Symposium services providing **on-line**.

### **MONOMAX PCO SYMPOSIUM SECRETARIAT**

**Monomax Company** will be the official Symposium Secretariat and will help participants with visa arrangements, accommodation, and other matters for the Symposium.

**Monomax Ltd.** (<http://www.monomax.ru>) is a member of the International Congress & Convention Association (ICCA) in category "Congress Travel & DMC".

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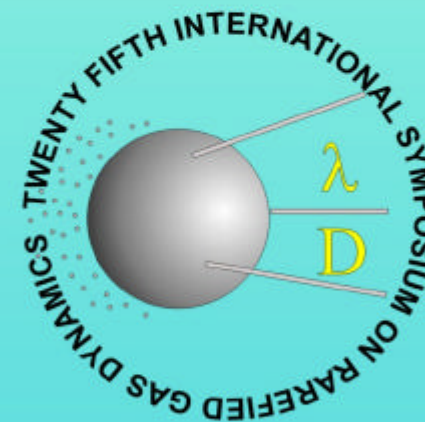
## **25<sup>th</sup> INTERNATIONAL SYMPOSIUM ON RAREFIED GAS DYNAMICS**

**Siberian Branch of the Russian  
Academy of Sciences**

**Institute of Thermophysics**

**Institute of Theoretical and Applied  
Mechanics**

**FIRST ANNOUNCEMENT**



**Saint-Petersburg, Russia**

**July 15-21, 2006**



Dear Colleague,

We are pleased to invite you to participate in the 25th RGD (Rarefied Gas Dynamics) Symposium which will be held in a nice location at the sea-side near Saint-Petersburg.

The symposium deals with the properties and flows of rarefied gases and plasmas and their interactions. The interdisciplinary character of the symposium collects researchers from different fields including mathematics, physics, chemistry, fluid dynamics, and aerospace sciences, covering fundamental as well as applied aspects. Successive symposia have served as major forums for the presentation of advances in the fields. The 25th Symposium should be the next milestone in RGD.

As a tradition of RGD symposia, the social program will introduce the participants to unforgettable places of Saint-Petersburg.

We are looking forward to seeing you in Saint-Petersburg in July 2006!

Co-chairmen of the Symposium  
Alexey Rebrov and Mikhail Ivanov



### TOPICS FOR CONTRIBUTIONS

1. Kinetic and Transport Theory
2. Boltzmann and Related Equations
3. DSMC and Related Simulations
4. Numerical Solutions of Kinetic Equations
5. Experimental Procedures in RGD
6. Molecular Beams and Molecular Collisions
7. Clusters and Aerosols
8. Gas-Surface Interaction
9. Space Vehicles Aerodynamics
10. Internal Flows, Jets, and Plumes
11. Reaction and Relaxation Processes
12. Plasma Flows and Processing
13. Micro/Nano Scale Flows and Devices
14. RGD in Astrophysics and Aeronomy
15. Molecular Dynamics Simulations
16. Vacuum Gas Dynamics

### INTERNATIONAL ADVISORY COMMITTEE

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Baltiets Hotel



Seaview

### SYMPOSIUM SITE

The Symposium site, **BALTIETS HOTEL** is located in Repino, a seaside resort at a distance of 40 km from Saint-Petersburg. Its scenic seaside location amid refreshing Karelian pine groves dotted with magnificent historical mansions makes Repino an ideal recreation spot.

### LOCAL ORGANIZING COMMITTEE

A.K. Rebrov, M.S. Ivanov (Co-chairmen)  
M.Yu. Plotnikov, A.A. Morozov,  
Ye.A. Bondar,  
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### LOCATIONS OF PREVIOUS RGD SYMPOSIA

Nice (France) 1958	Berkeley (USA) 1960
Paris (France) 1962	Toronto (Canada) 1964
Oxford (UK) 1966	Cambridge (USA) 1968
Pisa (Italy) 1970	Stanford (USA) 1972
Gottingen (Germany) 1974	Aspen (USA) 1976
Cannes (France) 1978	Charlottesville (USA) 1980
Novosibirsk (Russia) 1982	Tsukuba (Japan) 1984
Grado (Italy) 1986	Pasadena (USA) 1988
Aachen (Germany) 1990	Vancouver (Canada) 1992
Oxford (UK) 1994	Beijing (China) 1996
Marseille (France) 1998	Sydney (Australia) 2000
Whistler (Canada) 2002	Bari (Italy) 2004

<http://conferencenews.ru/RGD25>