



International Conference “Painlevé equations and related topics”

Euler International Mathematical Institute

Saint Petersburg, June 17–23, 2011



WELCOME

Euler International Mathematical Institute, branch of PDMI RAS (Saint Petersburg) is organizing the International Conference

“Painlevé Equations and related topics”

in June 17–23, 2011. The time of the conference is the time of “white nights” in Saint Petersburg.

CONFERENCE TOPICS

- ▶ General ODE equations
- ▶ Painlevé equations and their generalizations
- ▶ Painlevé property
- ▶ Discrete Painlevé equations
- ▶ Properties of solutions of all mentioned above equations:
 - ▶ Asymptotic forms and asymptotic expansions
 - ▶ Connections of asymptotic forms of a solution near different points
 - ▶ Convergency and asymptotic character of a formal solution
 - ▶ New types of asymptotic forms and asymptotic expansions
 - ▶ Riemann-Hilbert problems
 - ▶ Isomonodromic deformations of linear systems
 - ▶ Symmetries and transformations of solutions
 - ▶ Algebraic solutions
- ▶ Reductions of PDE to Painlevé equations and their generalizations
- ▶ ODE systems equivalent to Painlevé equations and their generalizations
- ▶ Applications of the equations and the solutions

PROGRAM COMMITTEE

Chair: Prof. Alexander D. Bruno (Moscow, Russia)

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ORGANIZING COMMITTEE

Chair: Prof. Alexander D. Bruno (Keldysh Institute of Applied Mathematics, Moscow, Russia)
 Visa support: Ms Tatiana Vinogradova (Euler Mathematical Institute, St. Petersburg, Russia)
 Accommodation: Ms Nadia Zalesskaya (Euler Mathematical Institute, St. Petersburg, Russia)
 Secretary: Ph. D. Irina Goryuchkina (Keldysh Institute of Applied Mathematics, Moscow, Russia)
 Web-site support: Ph. D. Alexander Batkhin (Keldysh Institute of Applied Mathematics, Moscow, Russia)

SUBMISSION

Small abstracts of talks (up to one page) should be submitted by e-mail painleve11@imi.ras.ru before March 15, 2011.

Extended abstracts of presentations in English up to 4 pages (pdf-file prepared using L^AT_EX) should be submitted before May 15, 2011. The collection of extended abstracts is going to be published before the Conference.

IMPORTANT DATES:

- Deadline for registration and for small abstract submission (up to one page): ▶ **March 15, 2011**
- Notification of acceptance: ▶ **April 15, 2011**
- Deadline for submission of extended abstracts: ▶ **May 15, 2011**
- Conference: ▶ **June 17–23, 2011**

REGISTRATION

Registration is on conference site

<http://www.pdmi.ras.ru/EIMI/2011/PC/>

Registrations fee for CIS citizens is 1000 rubles and for citizens from other countries is Euros 200. Registration fee is paid to the Organizing Committee upon arrival. Accompanying persons pay half of the registration fee. Registration fee for foreign participants includes the following:

- ▶ lunches;
- ▶ transfers (from and to airport);
- ▶ coffee-breaks;
- ▶ entertainment;
- ▶ banquet;
- ▶ extended abstract publishing.

ACCOMMODATION

For those who request a hotel in their registration form we make a preliminary reservation in accordance with your request. For details please visit the conference site.

LOCATION and CONTACTS

The conference will take place at the Euler International Mathematical Institute (EIMI), which is a part of the St. Petersburg Department of Steklov Mathematical Institute (usually abbreviated as POMI). Registration and talks will take place at the Euler Institute. The EIMI address: Pesoch'naya naberezhnaja, 10, (“naberezhnaja” means “embankment”).

The phone numbers you can call in case of any difficulties upon your arrival:

EIMI security (guard): (+7 812) 234 9245

Nadia Zalesskaya: +7 960 2791037 (cell) (or 007-960-2791037 if you call from abroad).

E-mail for abstract submission: painleve11@imi.ras.ru.

Conference site: <http://www.pdmi.ras.ru/EIMI/2011/PC/>.

WELCOME TO SAINT PETERSBURG