

The Banach Center Conference

Formal and Analytic Solutions of Differential and Difference Equations

Będlewo, August 8-13, 2011

First Announcement

The Conference will take place in:

The Mathematical Research and Conference Center at Będlewo, near Poznań, Poland

Organizing Institutions:

Stefan Banach International Mathematical Center,
Institute of Mathematics of the Polish Academy of Sciences,
Faculty of Mathematics and Economics, University of Ulm,
Faculty of Mathematics, Informatics and Mechanics, University of Warsaw

Organizing Committee:

Prof. Werner Balsler (Ulm University, Germany)
Prof. Galina Filipuk (Warsaw University, Poland)
Prof. Grzegorz Lysik (Polish Academy of Sciences, Warsaw, Poland)
Prof. Sławomir Michalik (Cardinal Stefan Wyszyński University, Warsaw, Poland)

Time of the Conference:

August 7 (arrival) – August 13 (departure), 2011.

Scientific topics:

Ordinary differential equations in the complex domain;
Holomorphic vector fields, normal forms;
Summability of WKB solutions;
Gevrey solutions, summability of divergent series, Stokes phenomena;
Formal solutions of PDEs;
Small divisors phenomena;
Nonlinear PDEs: semilinear heat, Burgers, KdV, Schrödinger, Navier-Stokes;
Summability of formal solutions of difference equations;
Applications to integrable systems and mathematical physics.

Total cost of the Conference:

The conference fee is about 400 Euro (~\$540; ~1400 PLN) per person. This will cover the registration fee, one week lodging, all meals, transportation from/to Poznan (airport or railway station) to/from Bedlewo (both directions), banquet and possible local excursion. The conference fee for the accompanying person is reduced to 270 Euro. Payment can be made upon arrival to Bedlewo by a major credit card or cash in Euro, Dollars or Polish Złoty.

Payment for the conference also can be made by bank transfer. If you pay this way, please keep a receipt and be ready to present it when you come to the Bedlewo Center!

Payment in euro or dollars:

Instytut Matematyczny PAN with the note FASDE

Name of the bank: BPH PBK SA, III Oddz. Warszawa

Address: Aleje Jerozolimskie 27, 00-508 Warszawa, POLAND

Account number:

SWIFT code: **BPHK PLPK**

PL - 17 1060 0076 0000 3210 0014 1015- payments in EURO,

PL - 54 1060 0076 0000 3210 0014 1028- payments in USD.

Payment in Polish zlotych:

Instytut Matematyczny PAN with the note FASDE

Name of the bank: BPH SA O/W-wa

Account number: **90 1060 0076 0000 3210 0014 0962**

The Organizing Committee already has secured some funds and we work very intensively to get more external support. If we are successful (it is not guaranteed yet), the local expenses for a number of young participants from East European countries will be waved partially or completely.

The address of the web-site of the Banach Center:

<http://www.impan.gov.pl/BC>

The address of the web-site of the Conference:

<http://www.impan.gov.pl/~fasde>

E-mail addresses for contact:

fasde@impan.gov.pl

Registration:

All persons who are interested in participating in the Conference are kindly requested to let us know about it using the above addresses and to register by filling out the registration form to be found on the web page of the Conference and sending it back to the address: fasde@impan.gov.pl

More information can be found on the web-site of the Conference:

<http://www.impan.gov.pl/~fasde>