
Dear Colleagues,

Below please find the updated first announcement of the 8th ISAAC Congress. It will be organised by Peoples' Friendship University of Russia, Division of Mathematics of the Russian Academy of Sciences, Steklov Institute of Mathematics, and Moscow State University and will take place at Peoples' Friendship University of Russia, Moscow, Russia, through 22-27 August 2011.

The website of the congress can be found at <http://isaac2011.org>

The web site of ISAAC is <http://mathisaac.org/>

Please distribute this announcement to anyone who may be interested.

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8th International ISAAC Congress
August 22-27, 2011
Peoples' Friendship University of Russia
Division of Mathematics of the Russian Academy of Sciences
Steklov Institute of Mathematics
Moscow State University

FIRST ANNOUNCEMENT

The International Society for Analysis, its Applications and Computation (ISAAC) has been organizing the International ISAAC Congress biannually since 1997. The previous congresses took place in the USA (Delaware 1997), Japan (Fukuoka 1999), Germany (Berlin 2001), Canada (Toronto 2003), Italy (Catania 2005), Turkey (Ankara 2007) and UK (London 2009).

The 8th ISAAC Congress will be organized by Peoples' Friendship University of Russia, Division of Mathematics of the Russian Academy of Sciences, Steklov Institute of Mathematics, Moscow State University and will take place at Peoples' Friendship University of Russia, Moscow, Russia, through 22-27 August 2011.

International Advisory Board (ISAAC Board):

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Organizing Committee:

Co-chairmen of the Congress

V.M. Filippov, Rector of Peoples' Friendship University of Russia

V.V. Kozlov, Director of the Stelkov Institute of Mathematics

V.A. Sadovnichy, Rector of Moscow State University

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Scientific secretary M.N. Muratov

Secretary S.A. Andreeva

Preliminary list of sessions and their organisers:

I. Complex Analysis

I.1. Complex variables and potential theory (T. Aliyev, M. Lanza de Cristoforis, S. Plaksa, P. Tamrazov)

I.2. Differential equations: Complex and functional analytic methods, for partial differential equations (H. Begehr, J.Y. Du, A. Soldatov)

I.3. Complex-analytical methods for applied sciences (V. Mityushev, S. Rogosin)

I.4. Zeros and Gamma lines -- value distributions of real and complex functions and mappings (G. Barsegian, G. Csordas)

II. Hypercomplex Analysis

II.1. Clifford and quaternion analysis (I. Sabadini, F. Sommen)

II.2. Analytical, geometrical and numerical methods in Clifford- and Cayley-Dickson-algebras (K. Gürlebeck, V. Kisil, W. Sprößig)

III. Real Analysis, Functional Analysis and Operator Theory

III.1. Toeplitz operators and their applications (S. Grudsky, N. Vasilevski)

III.2. Reproducing kernels and related topics (A. Berliet, S. Saitoh)

III.3. Modern aspects of the theory of integral transforms (Yu. Rappoport, S. Saitoh)

III.4. Spaces of differentiable functions of several real variables and applications (V. Burenkov, S. Samko, V.D. Stepanov)

III.5. Analytic and harmonic function spaces (R. Aulaskari, T. Kaptanoglu, J. Rättyä)

III.6. Fixed point theory and applications (E. Karapinar)

III.7. Generalized functions and asymptotics (M. Oberguggenberger, S. Pilipovic)

IV. Partial Differential Equations

IV.1. Pseudo-differential operators (L. Rodino, M.W. Wong)

IV.2. Dispersive equations (M. Reissig, M. Ruzhansky)

IV.3. Control and optimisation of nonlinear evolutionary systems (F. Bucci, I. Lasiecka)

V. Applied Analysis

V.1. Inverse problems (A. Hasanov (alemdar.hasanoglu@gmail.com;
alemdar.hasanoglu@izmir.edu.tr), S. Kabanikhin, Y. Kurylev (y.kurylev@ucl.ac.uk), A. Yagola,
M. Yamamoto)

V.2. Functional differential and difference equations (L. Berezansky, J. Diblik, A. Zafer)

V.3. Medical mathematics (R. Gilbert, Yu. Rappoport, V. Yakushev)

VI. Nonlinear analysis, extremal problems, approximation theory and applications.

VI.1. Optimization theory and variational analysis (A.V. Arutyunov, B.S. Mordukhovich)

VI.2. Convex and nonlinear analysis (A. Ioffe, R.T. Rockafellar)

VI.3. Approximation theory and Fourier analysis (Z. Ditzian, B. Kashin, S. Tikhonov)

VII. Teaching analysis at universities and schools

VII.1 Teaching analysis at universities (L.D. Kudryavtsev, S.A. Rozanova, N.Kh. Rozov)

VII.2 Teaching analysis at schools (V.A. Gusev, M. Klyaklya, A.A. Rusakov)

VIII. History of analysis (S.S. Demidov, L. Pepe)

IX. Other

ISAAC Award

Awards will be presented to young scientists of age below 40 at the time of the congress for particular merits in analysis, its applications and computation. Candidates for the awards may be nominated especially by ISAAC Board Members and Session Organisers, but also may apply by themselves.

Nominations and applications should be sent before 31 May, 2011, to the address

M. Ruzhansky (Imperial College London)

President, ISAAC

e-mail: m.ruzhansky@imperial.ac.uk

An Award Committee will select the awardees. Awards will only be given to participants. In case a prize winner will not be able to participate, she/he will get only the award document but no corresponding prize.

Web-page of the Congress: www.isaac2011.org

Preregistration

Scientists interested in delivering a talk in a particular session are asked to contact a session organiser. At the same time they are requested to send a preregistration form to the local organisers.

e-mail: info@isaac2011.org

Please use the enclosed form.

Accommodation

Accommodation should be arranged directly with appropriate hotels.

A recommendation for hotels will be included in the second announcement and will be placed on the web-page of the Congress.

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PREREGISTRATION FORM
8th ISAAC Congress 2011

NAME:

e-mail:

Affiliation:

I am interested in the following sessions:

Title of the talk:

Due to limited space and time we would prefer participants to give only one talk at the conference. If you plan to give several talks, please reconfirm with the local organisers.

Please send the completed form by email to info@isaac2011.org and to a session organiser of the appropriate session.

After receiving the preregistration form, in due time a formal letter of invitation will be sent to you, which will allow you to get a Russian Visa (if required).