8th ISAAC Congress

Peoples’ Friendship University of Russia
August 22-27, 2011, Moscow
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Plenary Speakers
D. Alpay (Israel)
V.N. Chubarikov (Russia)
D.E. Evans (UK)
A.T. Fomenko (Russia)
B. Helffer (France)
Z. Kruszewski (Poland)
A. Laptev (Sweden)
K. Mochizuki (Japan)
A. Montes-Rodriguez (Spain)
B. Mordukhovich (USA)
S.P. Novikov (Russia)
L. Pepe (Italy)
V.A. Sadovnichy (Russia)
M. Sanz-Solé (Spain)
M. Sugimoto (Japan)

Sessions
I. Complex and Hypercomplex Analysis
1. Complex variables and potential theory (T. Aliyev, M. Lanza de Cristoforis, S. Plaks, P. Tamrazov)
3. Complex-analytical methods for applied sciences (V. Mityushev, S. Rogosin)
4. Value distributions: classical and new aspects, applications (G. Barsegyan, A. Sergeev)
5. Clifford and quaternionic analysis (S. Bernstein, I. Sabadini, F. Sommen)

II. Real Analysis, Functional Analysis and Operator Theory
1. Toeplitz operators and their applications (S. Grudsky, N. Vasilevski)
2. Integral transforms and reproducing kernels (Yu. Rappoport, S. Saioh)
3. Spaces of differentiable functions of several variables and applications (V. Burenkov, M.I. Goldman, V.D. Stepanov)
4. Fixed point theory and applications (E. Karapinar)
5. Generalized functions and asymptotics (M. Oberguggenberger, S. Pilipovic)

III. Partial Differential Equations
1. Pseudo-differential operators (J. Toft, M.W. Wong)
2. Dispersive equations (M. Reissig, M. Ruzhansky)

IV. Applied Analysis
1. Inverse problems (A. Hasanov, S. Kabamkin, Y. Kurylyev, A. Yagola, M. Yamamoto)
2. Functional differential and difference equations (J. Diblik, A. Domoshnitsky, A. Zafer)
4. Stochastic analysis (D. Applebaum)

V. Nonlinear analysis, extremal problems, approximation theory and applications
1. Optimization theory, variational analysis and nonlinear analysis (A.V. Arutyunov, B.S. Mordukhovich, L.F. Pereira)
2. Approximation theory and Fourier analysis (Z. Ditzian, B. Kashin, S. Tikhonov)

VI. Teaching analysis at universities and schools
1. Teaching analysis at universities (I.D. Kudryavtsev, S.A. Rozanova, N.Kh. Rozov)
2. Teaching analysis at schools (M. Klyaklui, A.A. Rusanov, P.V. Semenov)

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

VIII. Other

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Contact and Further Information
E.I. Galakhov, Peoples’ Friendship University of Russia,
6 Miklulo-Maklay St., Moscow, Russia
http://www.isaac2011.org; info@isaac2011.org