International Conference on Complex Analysis and Related Topics

The 14th Romanian-Finnish Seminar

Bucharest, June 20-24, 2016

List of talks

Hiroaki Aikawa: Dichotomy of global capacity density

Ibrahim Aktas: Bounds for the radii of univalence of some special functions

Angel Jose Alonso Gomez: An inequality for algebroid functions and some applications

Anca Andrei: Notes about Loewner domains in metric spaces

Serdar Ay: Weakly positive semidefinite kernels valued in ordered *-spaces

Andrei Baran: A Dolbeault-Grothendieck resolution on complex spaces with singularities

Arpad Baricz: Zeros of a cross-product of the Coulomb wave and Tricomi hypergeometric functions

Vasile Brînzănescu: On the relationship between D'Angelo q-type and Catlin q-type

Rahime Celik Gorgut: Simplicial algebroids and simplicial algebra

Iulian Cîmpean: Semimartingales associated to Markov processes: a semigroup approach

Constantin Costara: Complex analysis and spectral preserver problems

Şerban Costea: Regularity of capacities associated to nonreflexive Sobolev-Lorentz spaces in the Euclidean setting

Luminiţa-Ioana Cotirla: A new class of harmonic functions defined by an operator

Mihai Cristea: Some conditions of lightness, openess and discreteness and local and global invertibility of Sobolev mappings

Peter Dovbush: On normal families

Sorin Dragomir: Boundary behavior of Bergman-harmonic maps

Deniz Erhan: p-valence versions of Nehari and Becker univalence criteria

Sirkka-Liisa Eriksson: Hyperbolic harmonic functions and their function theory

Arturo Fernandez Arias: Meromorphic functions without multiple values in the punctured plane

Dorin Ghisa: Continuous deformations of functions satisfying the same Riemann type of functional equation

Anatoly Golberg: Mappings with controlled p-moduli

Alexander Goncharov: Equilibrium Cantor sets

Changyu Guo: The theory of quasiregular mappings in metric measure spaces

Parisa Hariri: Some remarks on the Cassinian metric

Mihai Iancu: Convergence results for families of univalent mappings on the unit ball in $\mathbb{C}^n$

George-Ionut Ioniţă: A Levi problem for q-convexity with corners

Daniyal Israfilov: Simultaneous approximation in the variable exponent Lebesgue spaces

Stanislawa Kanas: Hankel determinant for generalized typically real functions

Turgay Hakki Kaptanoglu: Von Neumann inequalities and multivariable operator theory on Dirichlet spaces on the ball

Gabriela Kohr: Compact families of univalent mappings with parametric representation in $\mathbb{C}^n$

Mirela Kohr: Boundary value problems for nonlinear Brinkman systems in Lipschitz domains

Jurij Kozicki: Abel averages and holomorphically pseudo-contractive maps in Banach spaces

Oana Lupaşcu: Non-linear Dirichlet problem of a branching process: a probabilistic numerical approach

Anca Nicoleta Marcoci: Lorentz spaces, weights and some applications

Liviu Gabriel Marcoci: On a type of factorization

Eugen Mihăilescu: Dynamics for conformal maps on fractals

Marcelina Mocanu: On the differentiability of Orlicz-Sobolev functions on metric measure spaces

Camil Muscalu: Multiple vector valued inequalities via the helicoidal method

Tejinder Neelon: Reduction theorems in analysis

Masaharu Nishio: Reproducing kernels for polyharmonic functions on half spaces

Burcin Oktay Yonet: Approximation on complex domains with the rectifiable boundaries

Andrei-George Oprina: Perturbation with kernels of Markovian resolvents

Agnes Orsolya Pall-Szabo: On a certain class of harmonic functions and the generalized Bernardi-Libera-Livingston integral operator

Mihai N. Pascu: On the equivalence between the Dirichlet and the Neumann problem for the Laplace operator

Nicolae Pascu: Starlike approximations of analytic functions

Carlos Pérez: Rough Singular Integrals: A1 theory

Cornel Pintea: Global injectivity criteria and applications

Nicolae Popa: Some quasi-Banach spaces of infinite matrices and their properties

Stamatis Pouliasis: Condenser capacity under holomorphic functions

Ovidiu Preda: A characterization theorem for a particular case of the Serre problem

Monica Roşiu: Poisson problems on Klein surfaces

Grigore Ştefan Sălăgean: Complex valued harmonic functions with varying arguments

Toshiyuki Sugawa: Spirallikeness of hypergeometric functions

Eleutherius Symeonidis: Harmonic families of closed hypersurfaces

Evrim Toklu: Geometric properties of regular Coulomb wave functions

Chia-Chi Tung: Relative q-cycles, Hilbert exponent and Barlet's multiplicity

Ilie Valuşescu: On a model for the maximal function of an n-hypercontraction

Speranţa Vlădoiu: Markov processes for resistance forms

Matti Vuorinen: Hyperbolic type metrics and quasiconformal maps

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