Session 1

COMPLEX VARIABLES AND POTENTIAL THEORY

Organisers: T. Aliyev (Gebze), Anatoly Golberg (Holon, Israel)
M. Lanza de Cristoforis (Padua), S. Plaksa (Kiev)

Room 244

August 06 / 2013

12:10-12:50
S. Plaksa, Y. Zelinskii, In memory of Promarz M. Tamrazov

12:50--13:10
P. Jakobczak, The Fejer - Riesz type results for some weighted Bergman spaces in the unit disc
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14:30--15:00
G. Kohr, Extremal properties associated with the generalized Loewner differential equation
in C^n.

15:00--15:30
I. Hotta, Becker's quasiconformal extension criterion for L^d-Loewner chains.

15:30--16:00
B. Dittmar, Robin function and conformal welding a new proof of existence.

16:00--16:30
M. Kohr, Poisson problems for semilinear Brinkman systems in Lipschitz domains.

16:30--17:00
S. Mikhailov, On Asymptotic Analysis of Localised Boundary-Domain Integral Operators for Variable-Coefficient PDEs.

17:00--17:30
T.G. Ayele, Analysis of extended two-operator boundary-domain integral equations for variable-coefficient Dirichelet BVP.

17:30--18:00
M. Dalla Riva, Dirichlet problem in a planar domain
with a small hole.

18:00--18:30
P. Musolino, Effective conductivity of a dilute periodic two-phase composite with imperfect thermal contact at the two-phase interface.

12:10--12:40
A. Golberg, Equicontinuity of plane homeomorphisms with controlled p-module.

12:40--13:10
J. Mamedkhanov, Local approximation on arcs in the complex plane.

14:30--15:00
S. Plaksa, Monogenic functions in infinite-dimensional vector spaces with a commutative multiplication.

15:00--15:20
Y. Sevostyanov, Local properties of some class of mappings with non-bounded characteristics of quasiconformality.

15:20--15:40
O. Afanasjeva, On the boundary behavior of the generalized ring Q-homeomorphisms in metric spaces.

15:40--16:00
R. Pukhtaievych, Monogenic functions in a three-dimensional harmonic semi-simple algebra.

16:00--16:30
A.M. Jerbashian, On Banach spaces of functions delta-subharmonic in the unit disk.

17:00--17:30
D. Ghisa, On the Generalized Riemann Hypothesis.

17:30--18:00
P.L. Cheung, Critical points of random polynomials.

18:00--18:30
A. Dyachenko Total nonnegativity of infinite Hurwitz matrices of entire and meromorphic functions

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18:30--19:00
M. Lanza de Cristoforis, A quasi-linear heat transmission problem in a periodic dilute two-phase composite. A functional analytic approach.