

Plenary Talks

Monday, May 30, University Hall

10⁰⁰–10²⁵ **Opening ceremony**

Monday, May 30, Room 216

Chairman Prof. M. Sheremeta

10³⁰–11¹⁵ **A. Eremenko.** Entire functions with radially distributed zeros and 1-points

Coffee break

Chairman Prof. A. Eremenko

11⁴⁵–12³⁰ **M. Elin.** Semigroups of composition operator

12³⁰–13⁰⁰ **A. Khrystyanyan.** In memory of Andrii Andriyovych Kondratyuk

Tuesday, May 31, Room 216

Chairman Prof. Yu. Zelinski

10⁰⁰–10⁴⁵ **W. Pleśniak.** Regularity of the pluricomplex Green function in o-minimal structures

10⁴⁵–11³⁰ **S. Favorov.** Fourier quasicrystals. Beyond Lagarias' conjecture

Coffee break

Chairman Prof. S. Favorov

12⁰⁰–12⁴⁵ **Yu. Zelinskii.** Generalized convexity and shadow's problem

12⁴⁵–13¹⁵ **R. Näkki.** Is conformal or quasiconformal distortion largest on the boundary?

Wednesday, June 1, Room 216

Chairman Prof. I. Spitkovsky

10⁰⁰–10⁴⁵ **M. Agranovsky.** Nodal sets of Paley-Wiener families of Laplace eigenfunctions

10⁴⁵–11³⁰ **I. Chyzhykov.** Growth of integral means and zero distribution of analytic functions in the unit disc

Coffee break

Chairman Prof. M. Agranovsky

12⁰⁰–12⁴⁵ **I. Spitkovsky.** Factorization of almost periodic matrix function: some recent results and open problems

12⁴⁵–13¹⁵ **T.Hlova, P. Filevych.** Generalized orders of the growth of entire Dirichlet serie

Thursday, June 2, Room 216

Chairman Prof. P. Filevych

10⁰⁰–10⁴⁵ **E. Ciechanowicz, I. Marchenko.** Deviations and strong asymptotic functions of entire and meromorphic functions

10⁴⁵–11³⁰ **D. Prokhorov.** Conformal mapping asymptotics at an analytic cusp

Coffee break

Chairman Prof. M. Elin

12⁰⁰–12⁴⁵ **Ł. Kosiński.** Nevanlinna-Pick problem

12⁴⁵–13¹⁵ **A. Kuryliak.** Levy's phenomenon for analytic functions

Friday, June 3, Room 216

Chairman Prof. W. Auzinger

10⁰⁰–10⁴⁵ **V. Maslyuchenko.** Connections between joints and separate polynomiality

10⁴⁵–11³⁰ **T. Bulboaca.** New subordination and superordination results

Coffee break

Chairman Prof. T. Bulboaca

12⁰⁰–12⁴⁵ **W. Auzinger.** An application of complex analysis to stability issues in multistep methods for differential equations

12⁴⁵–13¹⁵ **V. Dilnyi.** Hardy spaces in signal processing

Section A.

Monday, May 30, Room 377

Chairman Prof. B. Vynnyts'kyi

- 15⁰⁰–15²⁵ **J. Dziok.** Classes of harmonic Janowski functions
15²⁵–15⁵⁰ **F. Jacobzon.** Analytic extension of semigroups
15⁵⁰–16¹⁵ **T. Salo.** Absolutely convergent Dirichlet series in half-plane and h -measure of exceptional sets

Coffee break

Chairman Prof. J. Dziok

- 16³⁵–16⁵⁰ **B. Vynnyts'kyi, R. Khats'.** Basis properties of systems of Bessel functions in weighted L^2 -spaces
16⁵⁰–17⁰⁵ **S. Chaichenko.** Best approximation of functions from Hardy spaces
17⁰⁵–17²⁰ **M. Savchuk.** Estimates for the Hadamard product on Bergman spaces
17²⁰–17³⁵ **S. Fedynyak, O. Mulyava.** On Hadamard's compositions of Gelfond-Leont'ev derivatives for analytic function
17³⁵–17⁵⁰ **Yu. Trukhan.** Properties of solutions of the Legendre equation
17⁵⁰–18⁰⁵ **N. Semochko.** Wiman-Valiron's method for fractional derivatives

Tuesday, May 31, Room 377

Chairman Prof. I. Marchenko

- 15⁰⁰–15²⁵ **E. Ciechanowicz.** Value distribution and growth of solutions of the equation P34
15²⁵–15⁵⁰ **A. Shydlich.** Direct and inverse approximation theorems of 2π -periodic functions by Taylor-Abel-Poisson means
15⁵⁰–16¹⁵ **J. Riihenta.** A removability result for subharmonic functions and its application to holomorphic functions of several complex variables

Coffee break

Chairman Prof. J. Riihenta

- 16³⁵–16⁵⁰ **M. Bordulyak.** Sets of constant l -index
16⁵⁰–17⁰⁵ **L. Shapovaloska.** Convergence of random gap power series
17⁰⁵–17²⁰ **O. Vyshyns'kyi.** On differences of N_k and connection between the indicators of a meromorphic function of completely regular growth in $\mathbb{C} \setminus \{0\}$
17²⁰–17³⁵ **N. Petrechko.** Analytic functions in a bidisc of bounded L -index in joint variables
17³⁵–17⁵⁰ **M. Kravets.** Description of a class of harmonic functions on the unit disk with given orders
18³⁰ **Welcome Party**

Thursday, June 2, Room 377

Chairman Prof. Ł. Kosiński

- 15⁰⁰–15²⁵ **A. Bandura.** Estimate of maximum modulus by minimum modulus for entire functions of bounded L -index in direction
- 15²⁵–15⁵⁰ **S. Sahoo.** Maximal area integral problem for univalent analytic functions
- 15⁵⁰–16¹⁵ **A. Vishnyakova.** Linear finite difference operators and zeros of finite differences of polynomials and entire functions

Coffee break

Chairman Prof. S. Sahoo

- 16³⁵–16⁵⁰ **M. Voitovych.** Growth of the invariant Green potential
- 16⁵⁰–17⁰⁵ **О. Ровенска.** Наближення інтегралів Пуассона
- 17⁰⁵–17²⁰ **M. Platsydem.** Estimates for the maximum modulus of characteristic functions
- 17²⁰–17³⁵ **К. Maciaszek.** Multipliers on weighted Dirichlet spaces
- 17³⁵–17⁵⁰ **A. Karpenko.** On the Pochhammer transformation and hyperbolic polynomials with separated zeros
- 17⁵⁰–18⁰⁵ **S. Panchuk.** Entire Dirichlet series with monotonous coefficients and logarithmic h -measure of an exceptional sets
- 18³⁰ **Conference Dinner**

Friday, June 3, Room 377

Chairman Prof. A. Bandura

- 15⁰⁰–15²⁵ **A. Talhaoui.** The Cauchy-Riemann equations in the Hilbert space l^2
- 15²⁵–15⁵⁰ **D. Zikrach.** On description of an exceptional set in asymptotic estimates for Laplace-Stieltjes integrals
- 15⁵⁰–16¹⁵ **M. Mostova, M. Zabolotskyj.** The logarithmic derivative of entire functions that close to polynomials

Coffee break

Chairman Prof. M. Zabolotskii

- 16³⁵–16⁵⁰ **H. Waghmare.** Generalization of uniqueness of meromorphic functions when two differential polynomials share one value
- 16⁵⁰–17⁰⁵ **Rajeshwari S.** On value distribution and uniqueness of meromorphic function for q -shifts difference polynomials
- 17⁰⁵–17²⁰ **Husna V.** Uniqueness of a meromorphic functions that share one small function and its derivative
- 17²⁰–17³⁵ **T. Hishchak.** On decomposition of functions in Paley-Wiener space
- 17³⁵–17⁵⁰ **M. Sheremeta, M. Dobushovskyy.** A remark to convergence of Laplace-Stieltjes integrals
- 17⁵⁰–18⁰⁵ **V. Tsvigun.** Levy's phenomenon for analytic functions in $\mathbb{D} \times \mathbb{C}$

Section B.

Monday, May 30, Room 372

Chairman Prof. A. Serdyuk

- 15⁰⁰–15²⁵ **F. Abdullayev.** On some sharp inequalities for orthogonal polynomials
- 15²⁵–15⁵⁰ **O. Gerus.** On hyperholomorphic functions of spatial variable
- 15⁵⁰–16¹⁵ **V. Savchuk.** Sharp bound for the remainder of Taylor series of bounded holomorphic functions

Coffee break

Chairman Prof. F. Abdullayev

- 16³⁵–16⁵⁰ **A. Serdyuk, T. Stepanyuk.** Asymptotic estimates of uniform approximations by Fourier sums on the classes of convolutions with generalized Poisson kernels
- 16⁵⁰–17⁰⁵ **O. Trofynemko.** Description of solutions for some mean value equations
- 17⁰⁵–17²⁰ **H. Yurt.** Rational approximation in weighted rearrangement invariant Smirnov spaces
- 17²⁰–17³⁵ **O. Сафонова.** Про кратність багатовимірних відображень областей на n -вимірних багатовидах
- 17³⁵–17⁵⁰ **T. Osipchuk.** On analytical conditions of locally linear convexity in hypercomplex space
- 17⁵⁰–18⁰⁵ **V. Ilkiv, N. Strap.** Solvability conditions of nonlocal boundary value problem for partial differential equation with nonlinear right part in a complex domain

Tuesday, May 31, Room 372

Chairman Prof. Ö. Gök

- 15⁰⁰–15²⁵ **I. Il'inskaya.** On the probability measures on cyclic groups with a trivial equivalence class
- 15²⁵–15⁵⁰ **P. Zaprawski.** Proper holomorphic mappings between generalized Hartogs triangles
- 15⁵⁰–16⁰⁵ **S. Agrawal.** On coefficient functionals associated with the Zalcman conjecture

Coffee break

Chairman Prof. F. Jacobzon

- 16³⁵–16⁵⁰ **S. Zagorodnyuk.** Korányi's class of analytic functions and generalized resolvents
- 16⁵⁰–17⁰⁵ **B. Klishchuk.** Mappings preserving affinity
- 17⁰⁵–17²⁰ **D. Dolya.** On involution two-to-one mapping
- 17²⁰–17³⁵ **I. Виговська.** Про відображення областей на багатовидах фіксованої кратності
- 17³⁵–17⁵⁰ **M. Stefanchuk.** Hypercomplex hulls and extreme elements in hypercomplex space
- 18³⁰–21⁰⁰ **Welcome Party**

Thursday, June 2, Room 372

Chairman Prof. V. Maslyuchenko

- 15⁰⁰–15²⁵ **E. Sevost'yanov.** On the lightness of the limit of sequence of mappings satisfying some modular inequality
- 15²⁵–15⁵⁰ **R. Salimov.** Extremal problem for areas of images of discs
- 15⁵⁰–16¹⁵ **P. Wójcicki.** The weighted Bergman kernel and the Green's function

Coffee break

Chairman Prof. E. Sevost'yanov

- 16³⁵–16⁵⁰ **Ö. Gök.** d -representation of a function algebra
- 16⁵⁰–17⁰⁵ **R. Çelik Görgüt.** Simplicial algebroids and simplicial algebra
- 17⁰⁵–17²⁰ **O. Karlova, V. Mykhaylyuk, O. Sobchuk.** Diagonals of separately continuous mappings of n variables
- 17²⁰–17³⁵ **S. Skvortsov.** On equicontinuity of generalized quasii-sometries on Riemannian manifolds
- 17³⁵–17⁵⁰ **N. Stasiv.** On the growth of Dirichlet series of several variables
- 17⁵⁰–18⁰⁵ **S. Hussain.** On a class of functions related with a convolution operator

18³⁰ **Conference Dinner**

Friday, June 3, Room 372

Chairman Prof. V. Mykhaylyuk

- 15⁰⁰–15²⁵ **Kh. Kuchmins'ka.** Approximations of the multiple hypergeometric functions with branched continued fractions
- 15²⁵–15⁵⁰ **J. Prajapat.** Study of Wright function inside unit disk
- 15⁵⁰–16¹⁵ **W. Shah.** Inequalities for rational functions in the complex domain

Coffee break

Chairman Prof. Kh. Kuchmins'ka

- 16³⁵–16⁵⁰ **T. Antonova, S. Vozna, O. Sus'.** Some properties of approximants for branched continued fractions of special form with negative partial numerators
- 16⁵⁰–17⁰⁵ **O. Baran.** Multidimensional analogues of twin convergence regions for branched continued fractions of special form
- 17⁰⁵–17²⁰ **N. Hoyenko.** Some applications of branched continued fractions for special functions
- 17²⁰–17³⁵ **V. Kosovan.** (m, n) -polynomial functions
- 17³⁵–17⁵⁰ **L. Kulavec'.** On the belonging of characteristic functions of probability laws to convergence class
- 17⁵⁰–18⁰⁵ **O. Тарновецька.** Про ряди, подібні на ряди Тейлора-Діріхле, і співвідношення Бореля