PROGRAMME

of the

11th International Symposium on

GEOMETRIC FUNCTION THEORY

AND APPLICATIONS

August 24–27, 2015, Ohrid, Macedonia

Monday, 24 August 2015

10:00 – 10:15	OPENING CEREMONY (room A)

Plenary lecture, room A, chairperson: E. Ozcag	
10:15 – 11:00	ROSIHAN ALI THE BOHR RADIUS FOR ANALYTIC AND HARMONIC MAPPINGS
Invited lectures, room A, chairperson: E. Ozcag	
11:00 – 11:30	DOV AHARONOV EXTENSION OF STURM CLASSICAL THEOREMS TO THE SINGULAR CASE
11:30 – 12:00	STANISLAWA KANAS TYPICALLY REAL FUNCTIONS RELATED TO THE GENERALIZED CHEBYSHEV POLYNOMIALS OF THE SECOND KIND
12:00 – 12:30	Coffee break
12:30 – 13:30	Short communications

	room A chairperson: S. Kanas	room B chairperson: Dj. Takaci
12:30 – 12:50	Chung Yaoliang STARLIKENESS OF TRIPLE INTEGRAL OPERATOR	Burak Kurt NOTES ON THE ONE-PARAMETER APOSTOL-GENOCCHI POLYNOMIAL
12:50 – 13:10	Junichi Nishiwaki ON STARLIKE FUNCTIONS WITH RESPECT TO SYMMETRICAL POINTS	Veli Kurt MULTIPLICATION FORMULAS FOR THE UNIFIED APOSTOL-TYPE POLYNOMIALS AND MULTIPLE POWER SUMS
13:10 – 13:30	Nikola Tuneski SOME RESULTS FOR p-VALENT FUNCTIONS	Musa Ajeti CARTESIAN COMPOSITIONS IN FOUR - DIMENSIONAL SPACE WITH AFFINE CONNECTIONS, WITHOUT TENSION AND ADDITIONS

13:30 – 15:30	Lunch, UCC restaurant

Plenary lecture, room A, chairperson: G. S. Salagean	
15:30 – 16:15	TEODOR BULBOACA DIFFERENTIAL SUBORDINATIONS AND UNIVALENT FUNCTIONS
Invited lectures, room A, chairperson: G. S. Salagean	
16:15 – 16:45	MASLINA DARUS FAMILY OF INTEGRAL OPERATORS OF MEROMORPHIC FUNCTIONS
16:45 – 17:15	DANIEL BREAZ NEW SPECIAL CLASSES OF FUNCTIONS
17:15 – 17:40	Coffee break

17:40 – 19:20	**Short communications**	
	room A chairperson: D. Breaz	room B chairperson: A. Alb Lupas
17:40 – 18:00	Arpad Takaci ASYMPTOTICS	Gautam Srivastava ANT COLONIZATION OPTIMIZATION ON k-ANONYMIZATION
18:00 – 18:20	Nicoleta Breaz NEW UNIVALENCE CRITERIA FOR SOME INTEGRAL OPERATORS. UNIVALENCE OF THE SOLUTION OF THE INVERSE BOUNDARY PROBLEM	Pawel Wojcicki METHOD OF ALTERNATING PROJECTIONS IN A GENERAL CONSTRUCTION OF THE WEIGHTED BERGMAN KERNEL
18:20 – 18:40	Djurdjica Takaci ON THE SOLUTIONS OF OPERATIONAL THE FUZZY EQUATIONS	Marija Miteva COLOMBEAU PRODUCTS OF DISTRIBUTIONS
18:40 – 19:00	Serpil Pehlivan SOME RESULTS ON GAMMA-IDEAL CONVERGENCE	Limonka Lazarova ON CONVOLUTION PRODUCT AND NEUTRIX CONVOLUTION PRODUCT OF DISTRIBUTIONS
19:00 – 19:20	Edmond Aliaga SOME CONDITIONS FOR CONNECTIONS OF ALPHA-CONVEX FUNCTIONS WITH CLASS U	Cameilia Clenci CERTAIN SUBCLASSES OF p-VALENTLY ANALITIC FUNCTIONS INVOLVING A NEW INTEGRAL OPERATOR

19:30 – 21:00	Dinner, UCC restaurant

21:00	**WELCOME PARTY, UCC**

Tuesday, 25 August 2015

07:30 – 09:00	Breakfast, UCC restaurant

Plenary lecture, room A, chairperson: T. Bulboaca	
09:00 – 09:45	**GRIGORE STEFAN SALAGEAN** **OPERATORS ON CLASSES OF ANALYTIC OR HARMONIC FUNCTIONS**
09:45 – 10:30	**VIRGINIA KIRYAKOVA** **GENERALIZED FRACTIONAL CALCULUS OPERATORS IN CLASSES OF UNIVALENT FUNCTIONS – ACTION, PROPERTIES, SPECIAL CASES**
10:30 – 11:00	Coffee break
Invited lectures, room A, chairperson: T. Bulboaca	
11:00 – 11:30	**YASAR POLATOGLU** **GROWTH AND DISTORTION THEOREMS FOR GENERALIZED q-STARLIKE FUNCTIONS**
11:30 – 12:00	**DRAGAN DJORDJEVIC** **ON ANGLES BETWEEN SUBSPACES**
12:10 – 13:20	**Short communications**

	room A chairperson: Y. Kahramaner	room B chairperson: Y. Polatoglu
12:10 – 12:30	Jordanka Paneva-Konovska ON THE CONVERGENCE AND OVER-CONVERGENCE OF MITTAG-LEFFLER SERIES	Danijela Rajter-Ciric ON EVOLUTION PARTIAL DIFFERENTIAL EQUATIONS WITH FRACTIONAL DERIVATIVES
12:30 – 12:50	Zbigniew Pasternak-Winiarski REPRODUCING KERNELS FOR HOLOMORPHIC VECTOR BUNDLES	Tuncer Acar ON KANTOROVICH MODIFICATIONS OF SZASZ OPERATORS
12:50 – 13:10	Bogdan Djordjevic SINGULAR VALUES OF SOME MATRIX PENCILS	Ilker Akkus A GENERALIZATION OF LEHMER MATRIX
13:10 – 13:30	Roberta Bucur PROPERTIES OF A GENERAL INTEGRAL OPERATOR	Ali Aral APPROXIMATION PROPERTIES OF KING TYPE SZASZ-MIRAKYAN OPERATORS

13:30 – 15:30	Lunch, UCC restaurant

15:45 – 16:00	**Photo session**

16:00	**EXCURSION (starting point UCC)**

20:00 – 21:30	Dinner, UCC restaurant

Wednesday, 26 August 2015

07:30 – 09:00	Breakfast, UCC restaurant

Plenary lecture, room A, chairperson: M. Darus	
09:00 – 09:45	**YURI ZELINSKI** **SHADOWS PROBLEMS IN EUCLIDIAN SPACES**
Invited lectures, room A, chairperson: M. Darus	
09:45 – 10:15	**YASEMIN KAHRAMANER** **A CERTAIN CLASS OF HARMONIC MAPPINGS RELATED TO THE CLOSE-TO-CONVEX FUNCTIONS OF ORDER BETA**
10:15 – 10:40	Coffee break
10:40 – 13:20	**Short communications**

	room A chairperson: M. Darus	room B chairperson: A. Takaci
10:40 – 11:00	Khalifa Alshaqsi POLYHARMONIC FUNCTIONS WITH NEGATIVE COEFFICIETS	Liljana Gajic INTEGRAL DEFINED BY FUZZY VALUED MEASURE (joint work with Mila Stojakovic)
11:00 – 11:20	Alawiah Ibrahim SOME INQUALITIES FOR POWER SERIES WITH REAL COEFFIECIENTS	Sahsene Altinkaya INITIAL COEFFICIENT BOUNDS FOR A COMPREHENSIVE SUBCLASS OF SAKAGUCHI TYPE FUNCTIONS
11:20 – 11:40	Navneet Lal Sharma MAXIMAL AREA INTEGRAL PROBLEM FOR ANALYTIC FUNCTIONS	Asena Cetinkaya GROWTH AND DISTORTION THEOREMS FOR GENERALIZED p-VALENT CLOSE-TO-CONVEX HARMONIC FUNCTIONS
11:40 – 12:00	Esra Özkan Uçar SOME PROPERTIES OF THE SOLUTION SET OF THE NON-LINEAR ELLIPTIC DIFFERENTIAL EQUATION	Dijana Mosić SOME RESULTS ON THE GENERALIZED DRAZIN INVERSE
12:00 – 12:20	Sarika Verma APPLICATION OF DUALITY TO A CLASS OF ANALYTIC FUNCTIONS	Dragan Rakic MINUS PARTIAL ORDER IN RINGS AND OPERATORS ON BANACH SPACES
12:20 – 12:40	Shahram Najafzadeh CERTAIN SUBCLASSES OF BI-UNIVALENT FUNCTIONS ASSOCIATED WITH AN CONVOLUTION OPERATOR	Loriana Andrei TWO INTEGRAL OPERATORS DEFINED BY Q-ANALOGUE OF RUSCHEWEYH DIFFERENTIAL OPERATOR
12:40 – 13:00	Mehmet Fatih Ucar GALERKIN METHOD FOR FRACTIONAL DIFFUSION EQUATION	Snezana Djordjevic NEW HYBRID CONJUGATE GRADIENT METHOD AS A CONVEX COMBINATION OF LS AND CD METHODS
13:00 – 13:20	Shahram Najafzadeh APPLICATION OF SALAGEAN OPERATOR ON UNIVALENT FUNCTIONS WITH RESPECT TO k-SYMMETRIC POINTS	Timothy Opoola ON SOME PROPERTIES OF SPIRALLIKE FUNCTIONS

13:30 – 15:30	Lunch, UCC restaurant

Plenary lecture, room A, chairperson: Ali Rosihan	
15:30 – 16:15	**EMIN OZCAG** **DEFINING THE INCOMPLETE FUNCTION AND RESULTS ON COMPOSITIONS OF DISTRIBUTIONS**
Invited lectures, room A, chairperson: Ali Rosihan	
16:15 – 16:45	**ANA VUKELIC** **INTERPOLATION POLYNOMIAL AND DERIVED INEQUALITIES FOR THE HIGHER ORDER CONVEX FUNCTIONS**
16:45 – 17:10	Coffee break
17:10 – 19:10	**Short communications**

	room A chairperson: B. Jolevska-Tuneska	room B chairperson: D. Djordjevic
17:10 – 17:30	Miloš Cvetković ON UPPER AND LOWER GENERALIZED DRAZIN INVERTIBLE OPERATORS	Mila Stojakovic INTEGRAL DEFINED BY FUZZY VALUED MEASURE
17:30 – 17:50	Priyabrat Gochhayat INCLUSION PROPERTIES OF CERTAIN SUBCLASS OF MULTIVALENT FUNTIONS DEFINED BY GENERALIZED DERIVATIVE OPERATOR	Eda Döğenci ON $G.T_1$, $G.T_2$ SPACES AND NORMALITY
17:50 – 18:10	Nebojša Dinčić ON THE EXTENDED MOORE-PENROSE INVERSE	Jasmina Veta-Buralieva ON AN NUMERICAL SOLUTION OF LAPLACE EQUATION
18:10 – 18:30	Arzu Yemişci QUASICONFORMAL HARMONIC MAPPINGS RELATED TO CONVEX FUNCTIONS	Fadipe-Joseph Olubunmi CERTAIN NEW CLASSES OF ANALYTIC FUNCTIONS DEFINED BY USING SIGMOID FUNCTION
18:30 – 18:50	Martin Ljubenović THE EXTENSION OF MAJORIZATION AND DOUBLY STOCHASTIC OPERATORS	Sena Özen ON gδpr*-CLOSED SETS
18:50 – 19:10	Elena Karamazova SOME INEQUALITY RELATIONS INVOLVING p-VALENT FUNCTIONS	Adriana Oprea SOME PROPERTIES OF INTEGRAL OPERATORS OF p-VALENT FUNCTIONS

20:00	**CONFERENCE DINNER (Restaurant Biljanini izvori)**

Thursday, 27 August 2015

07:30 – 09:30	Breakfast, UCC restaurant

	Invited lectures, room A, chairperson: N. Tuneski
09:30 – 10:00	**ALB LUPAS ALINA** **DIFFERENTIAL SANDWICH THEOREMS USING A MULTIPLIER TRANSFORMATION AND RUSCHEWEYH DERIVATIVE**
10:00 – 12:00	**Short communications**
	room A chairperson: N. Tuneski 10:00 – 10:20 Sanja Atanasova DIRECTIONAL SHORT-TIME FOURIER TRANSFORM ON DISTRIBUTIONS 10:20 – 10:40 Vasko Reckovski SOME ADDITION TO PARSEVAL'S RELATION AND TO OTHER PROBLEMS 10:40 – 11:00 Aleksa Malceski SOME EXTENSION THEOREMS OF HANH-BANACH TYPE FOR 2-SKEW SYMMETRIC FORMS OVER CYCLIC AND BRANCH 2-SUBSPACES 11:00 – 11:20 Sanja Atanasova GABOR FRAME EXPANSION AND QUASIASYMPTOTICS OF DISTRIBUTIONS 11:20 – 11:40 Teuta Zenku ON THE EXPONENTIAL INTEGRAL AND CONVOLUTIONS 11:40 – 12:00 Abiodun Oladipo FEKETE-SZEGO PROBLEM FOR A NEW CLASS OF ANALYTIC FUNCTIONS WITH RESPECT TO SIMPLE LOGISTIC ACTIVATION SIGMOID FUNCTION

12:00	**CLOSING CEREMONY (room A)**