UNIVERSITY OF ORADEA

FACULTY OF SCIENCES

Oradea, ROMANIA

The 10th International Symposium on Geometric Function Theory and Applications

GFTA

Băile Felix, AUGUST 25-28
2014

PROGRAM

25 AUGUST 2014

8:00 – 13:00 REGISTRATION (ROOM C)

10:00 – 11:00 OPENING CEREMONY (ROOM A)

11:00 – 11:30 Coffee Break

11:30 – 13:10 INVITED LECTURES (ROOM A)

13:20 – 14:30 LUNCH

14:45 – 15:45 SECTION LECTURES (ROOMS A, B, C)

15:45 – 16:05 Coffee Break

16:05 – 16:45 SECTION LECTURES (ROOMS A, B, C)

17:00 SOCIAL PROGRAM – DEPARTURE BY BUS

17:00 – 17:45 VISIT UNIVERSITY OF ORADEA

17:45 – 19:00 VIZIT ORADEA FORTRESS

19:00 – 20:00 VIZIT ORADEA CITY

20:00 – 23:00 SYMPOSIUM DINNER

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8:30 – 22:00 SOCIAL PROGRAM

8:30 DEPARTURE FROM THE HOTEL BY BUS

10:00 – 13:00 VIZIT MEZIAD CAVE

13:00 – 15:00 LUNCH

15:00 – 19:00 VIZIT TO PADIS NATURAL REZERVATION AND MOUNTAIN TRIP

19:00 – 21:00 DINNER

21:00 RETURN TO THE HOTEL BY BUS

27 AUGUST 2014

9:30 – 11:10 INVITED LECTURES (ROOM A)

11:10 – 11:30 Coffee Break

11:30 – 13:10 INVITED LECTURES (ROOM A)

13:20 – 14:30 LUNCH

14:45 – 15:45 SECTION LECTURES (ROOMS A, B, C)

15:45 – 16:05 Coffee Break

16:05 – 17:05 SECTION LECTURES (ROOMS A, B, C)

17:30 SOCIAL PROGRAM – DEPARTURE BY BUS

17:30 – 22:00 BARBECUE AND RIDING PROGRAM

28 AUGUST 2014

9:30 – 10:20 INVITED LECTURES (ROOM A)

10:30 – 11:10 SECTION LECTURES (ROOMS A, B, C)

11:10 – 11:30 Coffee Break

11:30 – 12:10 SECTION LECTURES (ROOMS A, B, C)

12:20 – 13:20 CLOSING CEREMONY (ROOM A)

13:20 – 14:30 LUNCH

SCIENTIFIC PROGRAM

25 AUGUST 2014

11:30 – 13:10 **INVITED LECTURES:**   Chair: **Grigore Ştefan Sălăgean**

11:30 – 12:20 **Daniel Breaz** - „1 Decembrie 1918" University of Alba Iulia, Romania

   Some new subclasses of functions

12:20 – 13:10 **Narendra Kumar Govil -** Auburn University, USA

   On location of zeros and Bernstein type problems for polynomials and rational functions

13:20 – 14:30 Lunch

14:45 – 15:45 **SECTION LECTURES**

	ROOM A Chair: **Maslina Darus**	ROOM B Chair: **Stanislawa Kanas**	ROOM C Chair: **Igor Chyzhykov**
14:45 15:05	**Nicoleta Breaz** „1 Decembrie 1918" University of Alba Iulia, Romania *Mocanu and Serb type univalence criteria for some integral operators*	**Fiana Jacobzon** ORT Braude College, Karmiel, Israel *Rigidity of parabolic type semigroups via local geometry of their trajectories*	**Rahma Sahraoui** University of Mostaganem, Algeria *Approached problems in optimization*
15:05 15:25	**Emel Yavuz Duman** Istanbul Kültür University, Turkey *Harmonic mappings related to functions of bounded boundary rotation*	**Mark Elin** ORT Braude College, Snunit, Karmiel, Israel *Angular derivatives of holomorphic self-mappings*	**Nacera Berrighi** University of Mostaganem, Algeria *Growth of solutions of certain class of nonhomogeneous linear differential equations*
15:25 15:45	**Melike Aydogan** Isik University, Istanbul, Turkey *Multivalent harmonic mappings*	**Teodor Bulboacă** Babes-Bolyai University, Cluj-Napoca, Romania *Sandwich-type theorems for some wide classes of analytic integral operators*	**Adriana Oprea** University of Pitesti, Romania *Generalization for some univalence criteria*

15:45 – 16:05 Coffee Break

16:05 – 16:45 **SECTION LECTURES**

	ROOM A Chair: **Nicoleta Breaz**	ROOM B Chair: **Melike Aydogan**	ROOM C Chair: **Teodor Bulboacă**
16:05 16:25	**Yasemin Kahramaner** İstanbul Ticaret University, Turkey *Harmonic mappings related to the class of generalized p-valent Janowski close-to convex functions*	**Serap Ozcan** Yıldız Technical University, Istanbul, Turkey *On some results related to second order dual of an f-module*	**Roberta Bucur** University of Pitesti, Romania, *Hankel determinant for certain classes of analytic functions*
16:25 16:45	**Neslihan Uyanik** Ataturk University, Turkey *Coefficient problems for certain analytic functions concerned with some differential operators*	**Hasan Yurt** Canakkale Onsekiz Mart University, Turkey *Approximation theorems of Faber series in weighted Smirnov spaces*	**Radu Diaconu** Alma Mater University, Sibiu, Romania *Preserving properties of p-valent functions*

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9:30 – 11:10 **INVITED LECTURES:**   Chair: **Daniel Breaz**

9:30 – 10:20 **Shigeyoshi Owa**, Kinki University, Japan

Notes on fractional calculus operators of analytic functions involving Mobius transformations

10:20 – 11:10 **Grigore Ştefan Sălăgean**, Babes-Bolyai University, Cluj-Napoca, Romania

Convolution, integral and differential operators in certain classes of analytic, meromorphic or harmonic functions

11:10 – 11:30 Coffee break

11:30 – 13:10 **INVITED LECTURES:**   Chair: **Narendra Kumar Govil**

11:30 – 12:20 **Yasar Polatoglu**, Istanbul Kultur University, Turkey

Harmonic mappings related to m-fold symmetric Janowski starlike functions

12:20 – 13:10 **Maslina Darus**, Universiti Kebangsaan, Malaysia

Recent results on q-analoque of differential operators

13:20 – 14:30 Lunch

14:45 – 15:45 **SECTION LECTURES**

	ROOM A Chair: **Georgia Irina Oros**	ROOM B Chair: **Emel Yavuz Duman**	ROOM C Chair: **Gabriela Kohr**
14:45 15:05	**Junichi Nishiwaki** Setsunan University, Japan *On uniformly-type Sakaguchi functions*	**Joanna Kowalczyk** University of Rzeszow, Poland *Radius problems in a certain subclass of close-to-convex functions*	**Lakehal Belarbi** Mostaganem University, Algeria *Some results in Riemannian manifolds with density*
15:05 15:25	**Kazuo Kuroki** Kinki University, Osaka, Japan *Notes on certain sandwich-type results*	**Mirela Kohr** Babes-Bolyai University, Cluj-Napoca, Romania *Boundary value problems of Robin-transmission type for some nonlinear elliptic systems in Lipschitz domains*	**Mohammed Benharrat** National Polytechnic School of Oran, Algeria *Algebraic theory of initial boundary operators related to right invertible operators*

15:25 15:45	**Alina Alb Lupaş** University of Oradea, Romania *On a certain subclass of analytic functions involving multiplier transformation and Ruscheweyh derivative*	**Olivia Ghişa** York University, Toronto, Canada *On the generalized Riemann hypothesis*	**Jacek Dziok** University of Rzeszow, Poland *On multivalent prestarlike functions*

15:45 – 16:05 Coffee Break

16:05 – 16:45 **SECTION LECTURES**

	ROOM A Chair: **Yasar Polatoglu**	ROOM B Chair: **Mirela Kohr**	ROOM C Chair: **Jacek Dziok**
16:05 16:25	**Loriana Andrei** University of Oradea, Romania *Differential sandwich theorems using an extended generalized Salagean operator and extended Ruscheweyh operator*	**Igor Chyzhykov** Lviv, Ukraine, Warsaw, Poland *On the growth of spirallike functions*	**Georgia Irina Oros** University of Oradea, Romania *Differential subordinations and superordinations for nonanalytic functions*
16:25 16:45	**Adriana Cătaş** University of Oradea, Romania *Subordination results associated with multiplier transformations*	**Cornel Pintea** Babes-Bolyai University, Cluj-Napoca, Romania *On the invertibility of some elliptic operators on manifolds with boundary and cylindrical ends*	**Gabriela Kohr** Babes-Bolyai University, Cluj-Napoca, Romania *Extreme and support points for families of biholomorphic mappings with A-parametric representation on the unit ball in C^n*
16:45 17:05	**Adela Venter** University of Oradea, Romania *On special fuzzy differential subordination using Ruscheweyh operator*	**Nicoleta Ularu** University of Pitesti, Romania *Some properties for two p-valent integral operators*	**Dorin Ghişa** York UniversitY, Toronto, Canada *Fundamental domains and analytic continuation of general Dirichlet series*

9:30 – 10:20 **INVITED LECTURES:**   Chair: **Alina Alb Lupaş**

9:30 – 10:20 **Stanislawa Kanas**, University of Rzeszow, Poland

Norm estimates of Schwarzian derivative for a class of convex functions

10:20 – 11:10 **Fatima M. Al- Oboudi**, Princess Nourah bint Abdulrahman University, Saudi Arabia

Certain properties for classes of analytic functions related to conic domains

11:10 – 11:30 Coffee Break

11:30 – 13:10 **SECTION LECTURES**

	ROOM A Chair: **Adriana Cătaş**	ROOM B Chair: **Adela Venter**	ROOM C Chair: **Gheorghe Oros**
11:30 11:50	**Adela Mihai** University of Bucharest, Romania *Submanifolds of finite type*	**Mihai Iancu** Babeş–Bolyai University, Cluj–Napoca, Romania *On reachable families of the Loewner differential equation in several complex variables*	**Khalifa Al-Shaqsi** Nizwa College of Technology, Bahla, Oman *Univalence criterion for integral operator*
11:50 12:10	**Petrică Dicu** Lucian Blaga University of Sibiu, Romania *Integral operators onto the class of meromorphic functions $MR_2(n; \mu; \gamma)$*	**Roxana Şendruţiu** University of Oradea, Romania *Note on certain inequalities for univalent functions*	**Abiodun Tinuoye Oladipo** Ladoke Akintola Univ. of Tech., Ogbomoso, Nigeria **Adesanmi Alao Mogbademu** University of Lagos, Nigeria *On the coefficients of several new classes of bi-univalent functions*
12:10 12:30	**Mustafa Saima** PMAS, Arid Agriculture University Rawalpindi,	**Güner Ilican** Anadolu University, Turkey *A research on conformal mapping*	**Hamid Benseridi** Setif University, Maabouda, Algeria

	Pakistan *Subclasses of Janowski functions defined by Cho-Kwon-Srivastava operator*	*of finite Riemann surfaces*	*On the asymptotic convergence of a nonlinear boundary value problem with friction*
12:30 12:50	**Mourad Dilmi** M'sila University, Algeria *Some inequalities and asymptotic behaviour of a linear elasticity system with friction in a thin domain*	**Bulent Gaytanli** Anadolu University, Turkey *A study on Riemann surface*	**Olubunmi Abidemi Fadipe-Joseph** University of Ilorin, Nigeria *A subclass of univalent functions using a differential operator*
12:50 13:10	**Ameur Memou** Msila University, Algeria *A non-local problem with integral conditions for parabolic equations*	**Milutin Obradovic** University of Belgrade, Serbia *Univalence of partial sums for some classes of univalent functions*	**Singh Sukhjit** Sant Longowal Institute of Engineering and Technology, India *Starlikeness of a class of analytic functions*

13:20 – 14:30 Lunch

14:45 – **SECTION LECTURES**

	ROOM A Chair: **Fatima Al- Oboudi**	ROOM B Chair: **Milutin Obradovic**	ROOM C Chair: **Khalifa Al-Shaqsi**
14:45 15:05	**Laszlo Szilard** Technical University of Cluj-Napoca, Romania *Univalence results via monotonicity*	**Abir Alharbi** King Saud University, Saudi Arabia *Geometric Functions by Maple Animations Enhance Students Learning*	**Teodora Chirilă** Babes-Bolyai University Cluj-Napoca, Romania *Geometric properties of certain extension operators*
15:05 15:25	**Yuri Zelinskii** Institute of mathematics NAN Ukraine, Kyiv, Ukraine *Generalized convex sets in complex analysis*	**Andreea-Elena Tudor** Babes-Bolyai University Cluj-Napoca, Romania *On a subclass of analytic functions involving Salagean integral operator*	**Oana Crişan** Babes-Bolyai University Cluj-Napoca, Romania *Differential subordinations involving arithmetic and geometric means*

15:25 15:45	**Andrey Targonskii** National Academy of Sciences of Ukraine *One extremal problem on equiangular systems of points for partially non-overlapping domains and open sets*	**Essam Aqlan** University Hodeidah, Yemen *A new subclass of multivalent meromorphic functions*	**Meltem Uzun** Uludag University, Turkey *On a new subclass of meromorphic harmonic convex functions*

15:45 – 16:05 Coffee Break

16:05 – 16:45 **SECTION LECTURES**

	ROOM A Chair: **Andrey Targonskii**	ROOM B Chair: **Shigeyoshi Owa**	ROOM C Chair: **Loriana Andrei**
16:05 16:25	**Aydin Aytuna** Sabanci University, Turkey *A Bohr-type phenomenon of bases for the space of analytic functions on parabolic Stein manifolds*	**Toshio Hayami** Kinki University, Japan *On a criterion for multivalent harmonic functions*	**Yucel Ozkan** Kafkas University, Turkey *Subclasses of analytic functions defined by a new differential operator*
16:25 16:45	**Daoud Bshouty** Technion – Israel Institute of Technology, Israel *Affine modulus and Nitsche type problem*	**Ikkei Hotta** Tokyo Institute of Technology, Japan *Univalence and quasiconformal extensions of nonlinear integral transform on the Noshiro-Warscawski criterion*	**Medhat A. Rakha** Sultan Qaboos University, Oman *On an extension of Kummer-type II transformation with an application*
16:45 17:05	**Serap Bulut** Kocaeli University, Turkey *On the coefficient estimates for new subclasses of analytic and bi-univalent functions defined by Al-Oboudi differential operator*	**Rakesh Kumar** Amity University, India *Majorization problem for a certain class of analytic functions*	**Nuray Sakalli** Duzce University, Turkey *On elliptic functions obtained by Dedeking Eta function*
17:05 17:25	**Khellaf Hassene** University of Constantine,	**Deborah Olufunmilayo Makinde**	**Hirokazu Shimauchi** Tohoku University, Japan

Algeria *On some new retarded integral inequalities and application*	Obafemi Awolowo University, Nigeria *Some properties of certain subclasses of meromorphic p-valent integral operator*	*On the coefficients of the conformal maps associated with the Mandelbrot set*

17:30 – 18:00 Closing ceremony