

**Operators in General  
Morrey-Type Spaces  
and Applications  
(OMTSA 2019)  
July 16-20, 2019**

Kutahya Dumlupinar University,  
Kutahya, TURKEY

**CONFERENCE  
PROGRAM**



## SCHEDULE OF LECTURES AND COMMUNICATIONS

CONFERENCE PROGRAM OVERVIEW	
17 July 2019	
Registration	09:00-10:00
Opening Ceremony	10:00-10:45
Coffee Break	10:45-11:00
Plenary Talk	11:00-11:45
Plenary Talk	11:45-12:30
Lunch	13:00-14:00
Plenary Talk	14:00-14:45
Plenary Talk	14:45-15:30
Coffee Break	15:30-15:45
Sessions	15:45-17:00
Coffee Break	17:00-17:15
Sessions	17-15-18:15
Dinner	19:00
18 July 2019	
Plenary Talk	09:30-10:15
Plenary Talk	10:15-11:00
Coffee Break	11:00-11:15
Sessions	11:15-12:30
Lunch	13:00-14:00
Plenary Talk	14:00-14:45
Excursion	15:00-18:30
Dinner	19:00
19 July 2019	
Plenary Talk	09:30-10:15
Plenary Talk	10:15-11:00
Coffee Break	11:00-11:15
Sessions	11:15-12:30
Lunch	13:00-14:00
Plenary Talk	14:00-14:45
Excursion	15:00-18:30
Dinner	19:00

## SCHEDULE OF LECTURES AND COMMUNICATIONS

17 July 2019	
09:00-10:00	Registration
10:00-10:45	Opening Ceremony
10:45-11:00	Coffee Break
<b>GERMIYANOGLU YAKUP BEY HALL</b>	
Chair: Maria Alessandra RAGUSA	
11:00-11:45	Victor I. BURENKOV <a href="#">Interpolation theory and local Morrey-type spaces</a>
11:45-12:30	I. Naci CANGUL <a href="#">Omega invariant and its applications on topological graph theory</a>
13:00-14:00	Lunch
<b>GERMIYANOGLU YAKUP BEY HALL</b>	
Chair: Victor I. BURENKOV	
14:00-14:45	Maria Alessandra RAGUSA <a href="#">On partial regularity of minimizers of functionals with discontinuous coefficients</a>
14:45-15:30	Sergio POLIDORO <a href="#">Moser's estimates for degenerate Kolmogorov equations</a>
15:30-15:45	Coffee Break
<b>HALL 1</b>	
Chair: Salauddin UMARKHADZHIEV	
15:45-16:15	Alexey KARAPETYANTS <a href="#">Holomorphic Morrey, Orlicz, Grand Lebesgue and Holder spaces</a>
16:15-16:30	Tahir S. GADJIEV, Faig M. NAMAZOV <a href="#">Regularity estimates in weighted generalized Morrey spaces for quasilinear parabolic equations</a>
16:30-16:45	Ali AKBULUT <a href="#">Fractional integral associated with Schrödinger operator on generalized Morrey spaces</a>
16:45-17:00	Vugar H. HAMZAYEV <a href="#">Sublinear operators with rough kernel generated by Calderón-Zygmund operators on generalized weighted Morrey spaces</a>
17:00-17:15	Coffee Break
Chair: Rovshan A. BANDALIYEV	
17:15-17:30	Yagub Y. MAMMADOV, Fatma MUSLIMOVA <a href="#">Commutators of maximal operator associated with the Dunkl operators on Orlicz spaces</a>
17:30-17:45	Fatih DERINGOZ <a href="#">New characterizations of Lipschitz space via commutators on Orlicz spaces</a>
17:45-18:00	Arash GHORBANALIZADEH <a href="#">On the equivalence of the K-functional and the modulus of continuity on the variable exponent Morrey spaces</a>
18:00-18:15	Hatice ARMUTCU <a href="#">Maximal operator on Carleson curves in Orlicz-Morrey spaces</a>
<b>HALL 2</b>	
Chair: Mubariz G. HAJIBAYOV	
15:45-16:15	Daniyal ISRAFILOV, Emine KIRHAN <a href="#">Approximation properties of Faber series</a>

## SCHEDULE OF LECTURES AND COMMUNICATIONS

16:15-16:30	<u>Fadil JARADAT</u> , M.H.T. ALSHBOOL Approximate solutions of nonlinear Bernoulli equation by using Bernstein polynomials with error analysis
16:30-16:45	Arzu ERDEM COSKUN The determination of the right-hand side in a semilinear heat conduction problem with the nonlocal Dirichlet boundary condition
16:45-17:00	Ahmet TESTICI Approximation by Nörlund means in weighted generalized Grand Smirnov classes
17:00-17:15	Coffee Break
Chair: Alik M. NAJAFOV	
17:15-17:30	Elcin YUSUFOGLU, <u>Ilkem TURHAN CETINKAYA</u> An application of Gauss-Chebyshev quadrature formulas to the generalized frictionless contact problem
17:30-17:45	Abdelhamid OUADDAH Some existence and unique results on system of G-stochastics differential equations
17:45-18:00	<u>Nisrine MAAROUF</u> , Khalid HILAL On the explicit solution of a coupled system of fractional partial differential equations using symmetry
18:00-18:15	A. Serdar NAZLIPINAR, Barbaros BASTURK Approximation of the reachable sets of an SEIR control system and comparison with optimal control solution
<b>HALL 3</b>	
Chair: Radouan DAHER	
15:45-16:15	Alik M. NAJAFOV On embeddings of grand Sobolev-Morrey spaces with dominant mixed derivatives
16:15-16:45	<u>Akbar B. ALIEV</u> , Gulshan Kh. SHAFIYEVA On potential wells and global solvability of Cauchy problem for system of semi-linear Klein-Gordon equations
16:45-17:00	Dilek SOYLEMEZ On $q$ -Meyer König-Zeller-Durrmeyer operators
17:00-17:15	Coffee Break
Chair: Daniyal ISRAFILOV	
17:15-17:30	Sahib A. ALIYEV Constructing a system of first kind Chebyshev polynomials
17:30-17:45	<u>Deniz UCAR</u> , V. Fuat HATIPOGLU Some new beta-fractional integral inequalities
17:45-18:00	Burak KURT Some relations between partially $q$ -Poly-Euler polynomials of the second kind
18:00-18:15	Saikat KANJILAL On higher dimensional bilinear Hardy inequalities
<b>HALL 4</b>	
Chair: I. Naci CANGUL	
15:45-16:15	Miloud ASSAL New ring of Ponderation functions and applications to solve Cauchy-Euler equation for several variables
16:15-16:30	Rewayat KHAN Matrix valued truncated Toeplitz operators
16:30-16:45	Aneela NADIR, <u>Adnan KHAN</u> Composition of Pathway integral operator with extended Mittag-Leffler function
16:45-17:00	Abdellah GHERBI A general version of Neubauer's Lemma and closed range almost closed operators
17:00-17:15	Coffee Break

## SCHEDULE OF LECTURES AND COMMUNICATIONS

Chair: Miloud ASSAL	
17:15-17:30	Mohammed DERHAB, <u>Mohammed NEHARI</u> Existence of solutions for problem in the times scales
17:30-17:45	A. ABKAR, <u>Mojtaba RASTGOO</u> On totally asymptotically nonexpansive mappings in $Cat(0)$ spaces
17:45-18:00	Sevda YILDIZ, Abstract Korovkin Theorems via relative summation process for double sequences on modular spaces
18:00-18:15	Kheireddine BIROUD Nonlocal elliptic with singular term
19:00	Dinner (Mulayimogulları Restaurant)

<b>18 July 2019</b>	
<b>GERMIYANOGLU YAKUP BEY HALL</b>	
Chair: Amiran GOGATISHVILI	
09:30-10:15	Pankaj JAIN Recent trends in bilinear Hardy-type inequalities
10:15-11:00	Ekrem SAVAS Strongly Lacunary invariant summable sequence space
11:00-11:15	Coffee Break
<b>HALL 1</b>	
Chair: Alexey KARAPETYANTS	
11:15-11:45	Andrea SCAPELLATO Integral operators in anisotropic Morrey spaces
11:45-12:00	Canay AYKOL, Ayhan SERBETCI Approximation in weighted Morrey spaces by trigonometric polynomials
12:00-12:15	Abdulhamit KUCUKASLAN An extension of Muckenhoupt-Wheeden theorem to generalized weighted Morrey spaces
12:15-12:30	Tugce UNVER YILDIZ Inclusion relations between weighted local Morrey-type spaces
<b>HALL 2</b>	
Chair: Vagif S. GULIYEV	
11:15-11:45	Salauddin UMARKHADZHIEV Grand Lebesgue spaces on sets of infinite measure
11:45-12:00	Tahir S. GADJIEV, Shahla GALANDAROVA, Konul SULEYMANOVA The uniformly elliptic and parabolic equations of higher order with discontinuous data in generalized Morrey spaces and elliptic equations in unbounded domains
12:00-12:15	Tahir S. GADJIEV, Konul YASINLI The regularity of solutions elliptic equations of higher order with discontinuous data in generalized Orlicz-Morrey spaces
12:15-12:30	Mehriban N. OMAROVA Fractional integral associated with Schrödinger operator on vanishing generalized Morrey spaces
<b>HALL 3</b>	
Chair: Ayhan SERBETCI	

## SCHEDULE OF LECTURES AND COMMUNICATIONS

11:15-11:45	Mubariz G. HAJIBAYOV <a href="#">The Welland inequality on hypergroups</a>
11:45-12:00	Nurullah YILMAZ <a href="#">A new local smoothing technique for non-smooth functions</a>
12:00-12:15	Mustafa Kemal BERKTAS, Semra DOGRUOZ <a href="#">Monic torsion precovers relative to a torsion theory</a>
12:15-12:30	Ahmet BOZ <a href="#">A numerical approach to equal width equation using B-spline functions</a>
<b>HALL 4</b>	
Chair: Elcin YUSUFOGLU	
11:15-11:30	M. Emre KANSU, Murat TANISLI, Suleyman DEMIR <a href="#">Relativistic derivation formalism of electromagnetic field equations in quaternion algebra</a>
11:30-11:45	Ismail AYMAZ, M. Emre KANSU <a href="#">Formulation of Maxwell-type gravity equations with dual quaternions</a>
11:45-12:00	Ozgun GURMEN ALANSAL, Erdal ULUALAN <a href="#">Simplicial algebr(oid)s and internal categories</a>
12:00-12:15	A. Funda SAGLAMER, Nurten KILIC <a href="#">On <math>\phi</math>-recurrent Kenmotsu Finsler manifolds</a>
13:00-14:00	Lunch
<b>GERMIYANOGLU YAKUP BEY HALL</b>	
Chair: Pankaj JAIN	
14:00-14:45	Przemyslaw GORKA <a href="#">Sobolev embeddings and regularity of the spaces</a>
15:00-18:30	Excursion (Aizanoi-Museums)
19:00	Dinner (Bengisu Facilities)

**19 July 2019**

<b>GERMIYANOGLU YAKUP BEY HALL</b>	
Chair: Przemyslaw GORKA	
09:30-10:15	Amiran GOGATISHVILI <a href="#">Boundedness of classical operators in Morrey type spaces and Hardy inequalities</a>
10:15-11:00	Rovshan A. BANDALIYEV <a href="#">Relatively compact sets in variable exponent Morrey spaces on metric spaces</a>
11:00-11:15	Coffee Break
<b>HALL 1</b>	
Chair: Andrea SCAPELLATO	
11:15-11:45	Radouan DAHER <a href="#">Some results on Hausdorff operator</a>
11:45-12:00	Cansu KESKIN <a href="#">Different approach to the decomposition theory of Hardy-Morrey spaces</a>
12:00-12:15	Siham KEBAILI, Megdouda OURBIH-TARI <a href="#">Refined descriptive sampling with dependent variables</a>
12:15-12:30	Ahmet EROGLU <a href="#">Potential operators on Carleson curves in Morrey spaces</a>
<b>HALL 2</b>	
Chair: Akbar B. ALIEV	

## SCHEDULE OF LECTURES AND COMMUNICATIONS

11:15-11:45	Ismail EKINCIOGLU Characterizations for the fractional maximal commutator operator in generalized Morrey spaces on Carnot group
11:45-12:00	S. Elifnur EKINCIOGLU, A. Serdar NAZLIPINAR Lipschitz estimates for rough fractional multilinear integral operators on local generalized Morrey spaces
12:00-12:15	Esra KAYA, Ismail EKINCIOGLU Weighted norm inequalities for $B_n$ -maximal operators and the high order Riesz-Bessel transforms
12:15-12:30	Handan KOSE Some progress on reversible rings
<b>HALL 3</b>	
Chair: A. Funda SAGLAMER	
11:15-11:45	Sibel YALCIN TOKGOZ, Sahsene ALTINKAYA Multivalent harmonic starlike functions defined by subordination
11:45-12:00	Sahsene ALTINKAYA, Sibel YALCIN TOKGOZ The $(p, q)$ -Lucas polynomial coefficient estimates of a bi-univalent function class with respect to symmetric points
12:00-12:15	Aysel A. AHMADLI Oscillatory integrals with variable Calderón-Zygmund kernel on vanishing generalized Morrey spaces
12:15-12:30	Ramin V. GULIYEV Lipschitz estimates for rough fractional multilinear integral operators on vanishing generalized Morrey spaces
13:00-14:00	Lunch
<b>GERMIYANOGLU YAKUP BEY HALL</b>	
Chair: Sergio POLIDORO	
14:00-14:45	Vagif S. GULIYEV Riesz potential and its commutators in variable exponent generalized weighted Morrey spaces
15:00-18-30	Excursion (Phryian Valley)
19:00	Dinner (University)