

# ICMRS 2018 CONFERENCE PROGRAMME

## FIRST DAY MAY 1, 2018

1.05.2018 TUESDAY		AKDENİZ		EGE		MARMARA
08.30-09.30	<p style="text-align: center;"><b>REGISTRATION</b> <b>OPENING CEREMONY</b> <b>COCKTAIL</b></p> <p style="text-align: center;"><b>Keynote Speaker: Prof. Dr. Ljubisa KOCINAC (CHAIR: Prof. Dr. Mehmet Zeki SARIKAYA)</b></p> <p style="text-align: center;"><b>LUNCH</b></p>					
09.30-10.30						
10.30-11.00						
11.00-11.40						
12.00-13.00						
13.00-13.15	<b>Chair: Mehmet KORKMAZ</b>	Weighted convergence aspects of a particular class of singular integral operators <b>Gümrah UYSAL</b>	<b>Chair: Hatice YALDIZ</b>	Some Linear Algebra Applications of Hybrid Numbers <b>Mustafa ÖZDEMİR</b>	<b>Chair: Selcen Yüksel PERKTAŞ</b>	Ricci Soliton in 3-Dimensional Normal Almost Paracontact Manifolds with Certain Curvature Conditions <b>Bilal Eftal ACET</b>
13.15-13.30		Some Further Properties of Two Parameter Singular Integral Operators <b>Gümrah UYSAL</b>		Solutions of The Some Rational Difference Equation Systems <b>Onur KARAOĞLU</b>		Invariant Lightlike Submanifolds of Golden Semi-Riemannian Manifolds <b>Feyza Esra ERDOĞAN</b>
13.30-13.45		A Novel Approach to Matrix Game Solution <b>Murat ÖZKAYA</b>		A New Number System : Hybrid Numbers <b>Mustafa ÖZDEMİR</b>		Some Structures On Nearly Cosymplectic Manifolds <b>Mustafa YILDIRIM</b>
13.45-14.00		Some Properties on the 3-Dimensional Matrices <b>Murat ÖZKAYA</b>		The Arrowhead-Pell Sequences Modulo m <b>Yeşim AKÜZÜM</b>		On A Type Of Almost alpha-Cosymplectic Manifolds With $(k,m)'$ - Nullity Distributions <b>Nurgül ARI</b>
14.00-14.15	<b>COFFEE BREAK</b>					
14.15-14.30	<b>Chair: Fuat USTA</b>	Some New Inequalities of Hermite-Hadamard Type via Fractional Integral Operators <b>Tuba TUNÇ</b>	<b>Chair: Mehmet Zeki SARIKAYA</b>	On Hardy Type Inequalities Involving Fractional Integrals <b>Candan Can BİLİŞİK</b>	<b>Chair: Nesip AKTAN</b>	On A New Class of Almost alpha-Cosymplectic Manifolds <b>Nurgül ARI</b>
14.30-14.45		Some New Ostrowski Type Inequalities for Generalized Fractional Integrals <b>Hatice YALDIZ</b>		Common Fixed Soft Element Results in Soft A-Metric Spaces <b>İzzettin DEMİR</b>		On Nearly Kenmotsu Manifolds Admitting Some Geometric Conditions <b>Gülhan AYAR</b>
14.45-15.00		On Ostrowski Type Inequalities via Fractional Integral Operators <b>Tuba TUNÇ</b>		Asymptotic Approximation of the Probability of Correctly Selecting the Best Systems <b>Mahmoud ALREFAEI</b>		$\eta$ -Ricci Solitons On Nearly Cosymplectic Manifolds <b>Mustafa YILDIRIM</b>
15.00-15.15		Refinements on the Hermite-Hadamard-Fejer-type inequalities via fractional integral operator <b>Hatice YALDIZ</b>		Some Common Fixed Soft Element Theorems in Soft Complex Valued Metric Spaces <b>İzzettin DEMİR</b>		$\eta$ -Ricci Solitons And Gradient Ricci Solitons On Nearly Kenmotsu Manifolds <b>Gülhan AYAR</b>

15.15-15.30	<b>COFFEE BREAK</b>					
15.30-16.10	<b>Keynote Speaker: Prof. Dr. MURAT TOSUN (Chair: Prof. Dr. Mehmet Zeki SARIKAYA)</b>					
16.15-16.30	<b>Chair: Merve AVCI-ARDIÇ</b>	New Approaches For Upper Bounds Of The Ostrowski Type Inequalities Utilizing Conformable Fractional Calculus <b>Fuat USTA</b>	<b>Chair: Zlatko PAVIC</b>	Bezier Variant of Paltanea Operators Based on Gould Hopper Polynomials <b>Shagufta RAHMAN</b>	<b>Chair: Selcen Yüksel PERKTAŞ</b>	Diagonal Lift in the Semi-tangent Bundle <b>Furkan YILDIRIM</b>
16.30-16.45		Hermite-Hadamard type inequalities for new fractional conformable integral operators <b>Abdurrahman GÖZPINAR</b>		Controllability for Semilinear Fractional Order Functional Evolution Equations with Infinite Delay in Fréchet Spaces <b>Karima LAOUBI</b>		Some Lift Problems in the Semi-Tensor Bundle <b>Furkan YILDIRIM</b>
16.45-17.00		Weak solutions for Fractional Differential Inclusions with Hadamard Type Derivatives in Banach Spaces <b>Djamila SEBA</b>		On The Monotone Generalized $\lambda$ - $\alpha$ -Nonexpansive Mappings In Banach Spaces <b>Rabah BELBAKI</b>		On asymptotics of double integrals <b>Abdallah BENAÏSSA</b>
17.00-17.15		Combinatorial Extensions of Popoviciu's Inequality Via Abel-Gontscharoff Polynomial with Applications in Information Theory <b>Saad Ihsan BUTT</b>		Minimizing Mean Completion Time for a Two-Machine No-Wait Flowshop Scheduling Problem <b>Ali ALLAHVERDI</b>		Limit cycles of generalized Kukles polynomial differential systems via averaging theory <b>Amor Menaceur</b>
17.15-17.30	<b>Chair: Mustafa Kemal YILDIZ</b>	Generalized Fractional Integral Inequalities For Some Classes Of Symmetrized Convex Functions <b>Emrullah Aykan ALAN</b>	<b>Chair: Saat Ihsan BUTT</b>	Nonlinear Fractional Differential Inclusion with Nonlocal Fractional Integro-Differential Boundary Conditions <b>Fatiha FLICI</b>	<b>Chair: Ljubisa KOCINAC</b>	On Some Continuity Types <b>Samer AL GHOUR</b>
17.30-17.45		On Some New Inequalities for s - convex Functions <b>Hasan KARA</b>		A computational method for solving a class of fractional non-linear singularly perturbed Volterra Integro-differential boundary-value problems <b>Mohammed ABUOMAR</b>		A New Class of Examples of Projective-Free Rings <b>Arezou Karimi MANSOUB</b>
17.45-18.00		Hermite-Hadamard Type Inequalities For F-Convex Function Via Katugampola Fractional Integral <b>İlker MUMCU</b>		Clasification with Multilayer Perceptron in computer-aided detection /diagnosis system <b>Imane OTMANI</b>		Characterizations of Lie triple higher derivations of triangular algebras by local actions <b>Mohd Shuaib AKHTAR</b>
18.00-18.15		Some Inequalities Related to Different Convex Functions Via New Fractional Conformable Integrals <b>Ali KARAOĞLAN</b>		Improvement of characteristic of centrifugal compressor for compression system <b>Naima MESKINE</b>		p-Expandable Spaces <b>Khalid AL-ZOUBI</b>

## SECOND DAY MAY 2, 2018

2.05.2018 WEDNESDAY		AKDENİZ		EGE		MARMARA
08.00-08.15	Chair: Fuat USTA	Chebyshev Type Inequalities Involving New Conformable Fractional Integral Operators <b>Sevdener DEMİRBAŞ</b>	Chair: Ahmet Ocak AKDEMİR	The Generalized Hermite-Hadamard Type Inequalities for h-Convex Functions Via Generalized Fractional Integrals <b>Recep TÜRKER</b>	Chair: Furkan YILDIRIM	Air Pollution Analysis for Ankara by Air Pollution Index Highly Correlated with Meteorological Variables <b>Gamze ÖZEL KADILAR</b>
08.15-08.30		Hermite-Hadamard Type Inequalities For Quasi-Convex Functions Via New Fractional Conformable Integrals <b>Filiz DEMİRÇİ</b>		On Modeling Approaches of Biochemical Reaction Networks <b>Derya ALTINTAN</b>		Analytic Solution Frames of 3D Fractional Differential Equations with Multi-Caputo Fractional Derivatives Ordering <b>Rowaa ABDALMOHSEN</b>
08.30-08.45		Some New Hermite-Hadamard Like Inequalities for Whose First Derivatives are Harmonically -Convex Functions <b>Merve KULE</b>		Determination of an Unknown Coefficient for Euler-Bernoulli Equation <b>İrem BAĞLAN</b>		Bayesian Analysis for Variance Component Estimation of a Hierarchical Model: Effect of Thinning Intervals <b>Doğan NARİNÇ</b>
08.45-09.00		Grüss Type Inequalities Involving New Conformable fractional integrals <b>İlker MUMCU</b>		Geometric Properties of Functions through Their Caputo Fractional Derivatives <b>Mohammed AL-REFAI</b>		Best uniform approximation of offset curves <b>Moath JARADAT</b>
09.00-09.15	COFFEE BREAK					
09.15-09.30	Chair: Alper EKİNCİ	On the Simpson Type Inequalities for s-Convex and Convex Functions <b>Merve AVCI ARDIÇ</b>	Chair: Ahmet Ocak AKDEMİR	Redheffer Inequalities For Bessel Functions <b>Hümeyra Latife LAÇIN</b>	Chair: Mehmet Zeki SARIKAYA	A New Sequence Space Isomorphic to $L_p$ <b>Emrah Evren KARA</b>
09.30-09.45		New Integral Inequalities for r-Convex Functions <b>Merve AVCI ARDIÇ</b>		An Application of Miller and Mocanu Lemma for Certain Multivalent Functions <b>Hümeyra Latife LAÇIN</b>		Some New Characterizations with B-Focal Curve According to Bishop Frame in $E^3$ <b>Gülden ALTAY SUROĞLU</b>
09.45-10.00		Some new Hermite-Hadamard type inequalities in terms of operator h-preinvex functions in Hilbert Space <b>Erdal ÜNLÜYOL</b>		Univalence, starlikeness and convexity of the produced Wright function <b>Merve YARCAN</b>		Hausdorff measure of noncompactness of matrix operators on some new spaces <b>Merve İLKHAN</b>
10.00-10.15		On operator GA-convex functions in Hilbert space <b>Erdal ÜNLÜYOL</b>		Univalence of the integral operators involving produced Wright function <b>Merve YARCAN</b>		On Riesz Fibonacci sequence spaces <b>Merve İLKHAN</b>
10.15-10.30	COFFEE BREAK					

10.30-11.10	<b>Keynote Speaker: Prof. Dr. Zlatko PAVIC</b> (CHAIR: Assoc. Prof. Dr. Ahmet Ocak AKDEMİR)					
11.15-11.30	<b>Chair: Murat TOSUN</b>	q-Inequalities on Quantum Integral <b>Necmettin ALP</b>	<b>Chair: Ljubisa KOCINAC</b>	Parseval Equality of Discrete Sturm-Liouville Equation with Periodic Generalized Function Potentials <b>Manaf Dzh. MANAFOV</b>	<b>Chair: Burhanettin İZGİ</b>	Derivations of Relative Growth Rates, B Parameters and Integral Constants of Some Growth Models <b>Mehmet KORKMAZ</b>
11.30-11.45		Generalization and improvement Ostrowski type inequalities <b>Mehmet Zeki SARIKAYA</b>		A Regularized Trace Formula for Energy-Dependent Sturm-Liouville Equation with Point Delta-Interaction <b>Manaf Dzh. MANAFOV</b>		Granger Casualty Analysis for Temperature Change <b>Gamze ÖZEL KADILAR</b>
11.45-12.00		Some Opial Type Inequalities for Conformable Fractional Integrals <b>Candan Can BİLİŞİK</b>		Designing Appointment System by Multi Objective Simulated Annealing <b>Mahmoud AL REFAEI</b>		N Partial Sum Approaches to Estimate the Parameters of Some Growth Models <b>Mehmet KORKMAZ</b>
12.00-12.15		New Hermite-Hadamard Type Inequalities for Convex Mappings Utilizing Generalized Fractional Integrals <b>Hüseyin BUDAK</b>		The stability analysis of a host-parasitoid model involving immigration related to Smith growth form <b>Özlem AK GÜMÜŞ</b>		Investigation Of The Relationship Between Modelling Skills On Fraction Operations And The Attitude Towards Mathematics Of Secondary School Students <b>Kübranur IŞIK</b>
12.15-13.30	<b>LUNCH</b>					
13.30-13.45	<b>Chair: Manaf Dzh. MANAFOV</b>	Laplace Transform Method for Solving Some Fractional Differential Equations <b>Khalid NAWAFLEH</b>	<b>Chair: Djamila SEBA</b>	On the Notion of Transitive Relative Return Rate and Its Applications in Mathematical Finance <b>Burhanettin İZGİ</b>	<b>Chair: Erdal ÜNLÜYOL</b>	The Test Development Process for Determining Secondary School Students' Achievements on Parabola <b>Mehmet Alper ARDIÇ</b>
13.45-14.00		Thermal instability of a horizontal soluted fluid layer affected by rotation <b>Abdullah A. ABDULLAH</b>		Applications of Semi-Implicit Split-Step Methods to Nonlinear Stochastic Differential Equations <b>Burhanettin İZGİ</b>		The Effect of Mathematics Instruction through Computer Algebra Systems on the Academic Achievements of Secondary Education Students: Turkey Example <b>Mehmet Alper ARDIÇ</b>
14.00-14.15		On Simultaneously Chebyshev Subspaces in Banach Spaces <b>Sharifa Na'em Al-Sharif</b>		Solution of a Boundary-Value Problem in Heat Conduction with a Periodic Boundary Condition <b>İrem BAĞLAN</b>		Effect of Canonical Transformation on a Multivariate Linear Mixed Model: An illustrative study <b>Doğan NARİNÇ</b>
14.15-14.30		Goodness of Fit Tests of Laplace Distribution under ERSS <b>Sameer AL-SUBH</b>		Family of Symmetric Distributions <b>Ayman ALZAATREH</b>		Comparison of Multivariate and Random Regression Models for Estimation of Variance-Covariance Matrices of a Two Level Nested Longitudinal data <b>Doğan NARİNÇ</b>

# THIRD DAY MAY 3, 2018

3.05.2018 THURSDAY		AKDENİZ		EGE		MARMARA
09.00-09.15	Chair: Emrah Evren KARA	Quadrature Formula Utilizing Sparse Grid Quasi-Interpolation With Gaussians <b>Fuat USTA</b>	Chair: Djamila SEBA	Generalized Yosida Approximation Operator and a System of Yosida Inclusions <b>Mohd ISHTYAK</b>	Chair: Murat TOSUN	On a Study of The Lightlike Submanifolds of Golden Semi-Riemannian Manifolds <b>Feyza Esra ERDOĞAN</b>
09.15-09.30		Some Hermite-Hadamard Type Inequalities For Convex Functions Via New Fractional Conformable Integrals And Related Inequalities <b>Abdurrahman GÖZPINAR</b>		A Hybrid Algorithm for Image Compression <b>Mohamed Ali Hajji</b>		A Study on f-Biharmonic Curves in $S(4,1)$ <b>Bilal Eftal ACET</b>
09.30-09.45		New refinements of the inequalities of Hermite-Hadamard-Fejér type via fractional integral operators <b>Hüseyin BUDAK</b>		ssification p-Saturated formation with Maximal Nilpotent p-Saturated Subformation <b>Jehad AL JARADEN</b>		Magnetic Biharmonic Curves in 3-dimensional Normal Almost Paracontact Metric Manifolds <b>Selcen Yüksel PERKTAŞ</b>
09.45-10.00		q-Laplace Transform on Quantum Integral <b>Necmettin ALP</b>		On Jones Polynomial for Singular Knots and Links <b>Khaled BATAINEH</b>		Geometry of Almost $\eta$ -Ricci Solitons on Indefinite Almost Paracontact Metric Manifolds <b>Selcen Yüksel PERKTAŞ</b>
10.00-10.15	<b>COFFEE BREAK</b>					
10.15-10.30	Chair: Saad Ihsan BUTT	The Generalizations of Sherman's Inequality for n- Convex Functions <b>Jamroz KHAN</b>	Chair: Emrah Evren KARA	Applications on Similarity Relations in Information Systems <b>Mustafa Kamel EL-SAYED</b>	Chair: Djamila SEBA	Approximate Solutions of Generalized Pantograph Equations by Optimal Homotopy Asymptotic <b>Nidal ANAKIRA</b>
10.30-10.45		Modeling and Simulation of a Pressure Sensor Based on ZnO Nanowires Using COMSOL Multiphysics Software <b>Borhan ALBISS</b>		Topological Reduction Electric Engineering Data Tables <b>Mustafa Kamel EL-SAYED</b>		The Arrowhead-Pell-Random-Type Sequences in Finite Groups <b>Özgür ERDAĞ</b>
10.45-11.00		Weak Solutions for Nonlinear Fractional Differential Equations in Banach Spaces <b>Fatima-Zohra MUSTAFAI</b>		The Two-Machine No-wait Flowshop Problem with Uncertain Setup Times <b>Ali ALLAHVERDI</b>		The Relationships between Graded Ideals and Subspaces <b>Mustafa ALKAN</b>
11.00-11.15		A Natural Frenet Frame for Null Curves on the lightlike Cone in Minkowski Space $R_2^4$ <b>Nemat ABAZARI</b>		The basins of convergence in the planar restricted four-body problem with variable mass <b>Amit MITTAL</b>		On Strongly 2-Absorbing Second Submodules <b>Mustafa ALKAN</b>

11.20-12.00	<b>Keynote Speaker: Prof. Dr. M. Emin ÖZDEMİR (CHAIR: Assoc. Prof. Dr. Erhan SET)</b>					
12.00-13.00	<b>LUNCH</b>					
13.00-13.15	<b>Chair: M. Emin ÖZDEMİR</b>	An Upper Bound of Second Hankel Determinant for a Subclass of Analytic Functions Related To Fibonacci Numbers <b>Sedat İLHAN</b>	<b>Chair: Manaf Dzh. MANAFOV</b>	Symmetric Identities for Degenerate Bernoulli Polynomials and Degenerate Euler Polynomials <b>Burak KURT</b>	<b>Chair: Zlatko PAVIC</b>	Fekete-Szegő Problem for a New Class of Analytic Functions Related To Fibonacci Numbers <b>H. Özlem GÜNEY</b>
13.15-13.30		Bounds for The Toeplitz Determinants of A Subclass Of Analytic Functions Related To Fibonacci Numbers <b>Sedat İLHAN</b>		On the Degenerate Genocchi Numbers Arising From Ordinary Differential Equations and the Symmetric Relation for Degenerate Genocchi Polynomials <b>Burak KURT</b>		A New Class of Bi-Univalent Functions Connected with Fibonacci Numbers <b>H. Özlem GÜNEY</b>
13.30-13.45		Some Results in Lipman Semigroups of Some Saturated Numerical Semigroups <b>Sedat İLHAN</b>		The Padovan-circulant-Hurwitz Sequences <b>Ömür DEVECİ</b>		On Analytic and Bi-Concave Functions <b>H. Özlem GÜNEY</b>
13.45-14.00				On perfect numbers close to Tribonacci numbers <b>Abdullah AÇIKEL</b>		Arithmetic Operations on Piecewise Linear Fuzzy Number <b>Marwa TUFFAHA</b>
14.00-20.00	<b>EXCURSION</b>					

# FOURTH DAY MAY 4, 2018

4.05.2018 FRIDAY		AKDENİZ		EGE		MARMARA
08.00-08.15	Chair: Erdal ÜNLÜYOL	CHAID Approach and Logistic Regression to Analyze the Risk Factor of Fasciolosis in the Cattle <b>Ria HAYATUNNUR</b>	Chair: Merve Avcı Ardiç	The Padovan-circulant Lengths of The Fibonacci and Fox Groups <b>Mehtap EKİNCİ</b>	Chair: Abdallah BENAİSSA	The Impact of The Time Factor on The Applications of Fuzzy Soft Sets <b>Ayman HAZAYMEH</b>
08.15-08.30		s-convexity for Busemann Nonpositive Curvature (NPC) Spaces via Hermite-Hadamard Type Inequality <b>Erdal ÜNLÜYOL</b>		Hadamard Type Inequalities for m-Geometrically Convex Functions via Riemann-Liouville Fractional Integrals <b>Yasin ÇINAR</b>		Rate of convergence of Hermit-Fejér polynomials for functions with derivatives of bounded variation <b>Shahnaz ABOGAZLEH</b>
08.30-08.45		Asyptotic Behavior by Multiplicative s-Numbers of Operators in Banach Spaces <b>Lale CONA</b>		Some New Integral Inequalities for Product of Geometrically Convex Functions <b>Ahmet Ocak AKDEMİR</b>		Digraphs On The Three Dimensional Hyperbolic Space <b>Murat BEŞENK</b>
08.45-09.00		On Weyl-Type Inequalities of Power Compact Operators in Banach Spaces <b>Lale CONA</b>		Hermite-Hadamard-Fejér Type Inequalities Involving Generalized Fractional Integral Operators <b>Erhan SET</b>		A New Approach For The Signature Problem <b>Murat BEŞENK</b>
09.00-09.15	Chair: Ebru AYDOĞDU	Some Properties of 2-Dimensional Interval Numbers <b>Fatih NURAY</b>	Chair: Ahmet Ocak AKDEMİR	Oscillation Criteria for Fractional Difference Equations with Nonlinearities <b>Mustafa Kemal YILDIZ</b>	Chair: Erdinç DÜNDAR	Rough Convergence in 2-Normed Spaces <b>Mukaddes ARSLAN</b>
09.15-09.30		On Statistically Convergent Sequences of Closed Sets and Epigraphs <b>Şükrü TORTOP</b>		Oscillation Results of Higher Order Nonlinear Neutral Delay Difference Equations with a Nonlinear Neutral Term <b>Mustafa Kemal YILDIZ</b>		Asymptotically Lacunary $I_{\{\sigma\}}$ -Equivalence of Sequences of Sets <b>Esra GÜLLE</b>
09.30-09.45		Lacunary Statistical convergence of double sequences in fuzzy normed spaces <b>Muhammet Recai TÜRKMEN</b>		New Integral Inequalities Deal with the Unified Reimann-Liouville and Hadamard Type Fractional Integral <b>Mustafa Kemal YILDIZ</b>		Asymptotically Lacunary $I_2$ -Invariant Equivalence <b>Uğur ULUSU</b>
09.45-10.00		Some Functional Approaches on Finite Particle Motions <b>Ezman KARABULUT</b>		Oscillation Criteria for Higher Order Nonlinear Fractional Difference Equations <b>Tuğba YALÇIN UZUN</b>		Asymptotically Lacunary I-Invariant Statistical Equivalence Of Sequences of Set Defined by a Modulus Function <b>Nimet AKIN</b>
10.00-10.15	Coffee Break					

10.15-10.30	<b>Chair: Mohammed AL-REFAI</b>	Some Properties of Fuzzy Soft Metric Spaces <b>Ebru AYDOĞDU</b>	<b>Chair: Mustafa Kemal YILDIZ</b>	Numerical Solution of Saddle Point Problems By Projection Method <b>Gül KARADUMAN</b>	<b>Chair: Fatih NURAY</b>	On Asymptotically Ideal Invariant Equivalence of Double Sequences <b>Erdinç DÜNDAR</b>
10.30-10.45		Convergence in Fuzzy Soft Metric Space <b>Ebru AYDOĞDU</b>		Infinite Sums of k-Lucas Numbers <b>Onur KARAOĞLU</b>		Wijsman Quasi-Invariant Convergence <b>Esra GÜLLE</b>
10.30-10.45		New Generalizations for Convex Functions via Conformable Fractional Integrals <b>Alper EKİNCİ</b>		On alternating weighted binomial sums with falling factorials <b>Sibel KOPARAL</b>		Asymptotically I-Invariant Statistical Equivalence of Sequences of Set Defined by a Modulus Function <b>Nimet AKIN</b>
10.45-11.00		Finite Difference Method Discretization of Single Phase Darcy Flows <b>Imene DIB</b>		On congruences for sums involving harmonic numbers <b>Sibel KOPARAL</b>		Statistical Convergence of Sequences of Functions In 2-Normed Spaces <b>Sevim YEGÜL</b>