

# ICMRS 2019 CONFERENCE PROGRAMME

**FIRST DAY 28 April, 2019**

ICMRS 2019 CONFERENCE PROGRAMME						
FIRST DAY 28 April, 2019						
<b>4/28/2019 SUNDAY</b>		Akdeniz		Ege		Marmara
08.30-09.30	<b>REGISTRATION</b>					
09.30-10.30	<b>OPENING CEREMONY</b>					
10.30-11.00	<b>COCKTAIL</b>					
11.00-11.40	<b>Keynote Speaker: Prof. Dr. Junesang CHOI (CHAIR: Assoc. Prof. Dr. Erhan SET)</b>					
12.00-13.00	<b>LUNCH</b>					
13.00-13.15	<b>Chair: Ahmet Ocak Akdemir</b>	On the multiplicity of eigenvalues of a vectorial diffusion equations with discontinuous conditions <b>Abdullah Ergün</b>	<b>Chair: Kamel Al Khaled</b>	Permutable subgroups of groups of order $p^3$ <b>Awni Al-Dababseh</b>	<b>Chair: Nesip AKTAN</b>	A New Class of Almost Cosymplectic Manifolds <b>Muhammed Burak Arı</b>
13.15-13.30		The multiplicity of eigenvalues of a vectorial singular diffusion equations with discontinuous conditions <b>Abdullah Ergün</b>		On Skew Constacyclic Codes over a finite Ring <b>Ghulam Muhammad</b>		On semi-invariant submanifolds of a Metallic Riemannian Manifold <b>Feyza Esra Erdoğan</b>
13.30-13.45		Jacobi Polynomial Solutions of Erdélyi-Kober Type Fractional Integral Equations <b>Serpil Salınan</b>		The Gram and Generalized Cartan Decompositions of the Group $SL(2, \mathbb{R})$ and Laplace-Beltrami Operator <b>Yasemin Işık</b>		A Note on Biharmonic Hypersurfaces of Para-Sasakian Manifolds <b>Selcen Yüksel PERKTAŞ</b>
13.45-14.00		On Generalized Weakly Symmetric Nearly Cosymplectic Manifolds <b>Pelin Tekin</b>		Theta Omega Topological Operators <b>Sameer Al Ghour</b>		
14.00-14.15	<b>COFFEE BREAK</b>					

14.15-14.30	Chair: Mehmet Eyük Kiriş	Refinement of Wirtinger Inequality <b>Necmettin ALP</b>	Chair: Mehmet Zeki SARIKAYA	Sumudu Decomposition Method for Solving Higher-Order Nonlinear Volterra-Fredholm Fractional Integro-Differential Equations <b>Kamel Al Khaled</b>	Chair: Mustafa Kemal Yıldız	Some Hardy Type Integral Inequalities for $0 < p < 1$ <b>Abd Sid Ahmed Bendaoud</b>
14.30-14.45		New Hermite Hadamard Type Inequalities via F-Convex Function <b>Tuba TUNÇ</b>		Acceleration of conjugate gradient algorithms for unconstrained optimization problems <b>Mohammed Belloufi</b>		Class of integral operators for a set of Boehmians <b>Shrideh Alomari</b>
14.45-15.00		On Hermite Hadamard Type Inequalities via Green Function <b>Tuba TUNÇ</b>		Stress Analysis in Anisotropic Rock Massif by the 2Dimensionoanl BIE Method <b>Gulmira Zakiryanova</b>		New Estimator for a Semi Markovian Inventory Model when Demand Random Variables Have Infinite Variance <b>Büşra Alakoç</b>
15.00-15.15		New Refinements of Hadamard Integral Inequality via k-Fractional Integrals for Some Convex Function <b>M. Emin Özdemir</b>		Real Time Application of Self Organizing Maps (SOM) and Neural Network (ANN) Algorithms for Credit Score Card Production <b>Ali Tunç</b>		Inventory Model of Type (s,S) with $(\cdot)$ Distributed Component $\Gamma g$ <b>Büşra Alakoç</b>
15.15-15.30	COFFEE BREAK					
15.30-16.10	Keynote Speaker: Prof. Dr. Fikret ALIEV (Chair: Assoc. Prof. Dr. Ahmet Ocak AKDEMİR)					
16.15-16.30	Chair: Merve AVCI-ARDIÇ	A determinant approach to q-Bessel polynomials and applications <b>Mumtaz Riyasat</b>	Chair: Sameer Al Ghour	Regularized Jacobi wavelets kernel for support vector machines <b>Nadira Abbasi</b>	Chair: Fikret Aliev	Smoothness of The Radon-Nikodym Derivative of A Convolution of Orbital Measures On Compact Symmetric Spaces of Rank One <b>Sanjiv Kumar Gupta</b>
16.30-16.45		Partial JS-Metric Spaces and Fixed Point Results <b>Mohammad Asim</b>		Exact traveling wave solutions for the celebrated Gardner Model and the nonlinear Klein-Gorden system by means of the celebrated unified method <b>Ayat Dagher</b>		Fuzzy Kernel-Based Clustering and Support Vector Machine Algorithm in Analyzing Cerebral Infarction Dataset <b>Dea Aulia Utami</b>
16.45-17.00		On Subclasses of uniformly convex functions generated by Touchard Polynomials associated with conic regions <b>Khalifa Al-Shaqsi</b>		Detecting Biological Connections Between Some Equilibria in a Nutrient-Prey-Predator Model by Homology Conley Index Method <b>Ibrahim Jawarneh</b>		Kernel-based Fuzzy Clustering for Sinusitis Dataset <b>Nadisa Karina Putri</b>
17.00-17.15		On Certain Subclasses of Analytic Functions Associated with Touchard Polynomials <b>Khalifa Al-Shaqsi</b>		Fuzzy Kernel C-Means Algorithm for Detecting Knee Osteoarthritis <b>Danita Astriatmi Kusuma</b>		Solving Calculus of Variations Problem via Pseudospectral Methods <b>Aboobakr Adarbar</b>
17.15-17.30	COFFEE BREAK					

17.30-18.10	Keynote Speaker: Prof. Dr. Shilpi Jain (CHAIR: Prof. Dr. Ahmet Ocak AKDEMİR)					
<b>SECOND DAY 29 April, 2019</b>						
<b>4/29/2019 MONDAY</b>		Akdeniz		Ege		Marmara
09.00-09.15	<b>Chair: Nargiz Safarova</b>	Levy-Flight Salp Swarm Algorithm for Function Optimization and Engineering Design Problems <b>Anton Sudirman</b>	<b>Chair: Ahmet Ocak AKDEMİR</b>	The Role of Technology, Organization, and Environment Factors in Enterprise Resource Planning Implementation Success in Jordan <b>Mohammad Al-Zoubi</b>	<b>Chair: Junesang Choi</b>	Analytical Solution to the Equations of a Two-Phase Layer with Allowance for the Convective Heat and Mass Transfer in a Binary Liquid <b>Dmitri Alexandrov</b>
09.15-09.30		Approximate Solutions of Fractional Integro-Differential Equations <b>Maha Yousef</b>		High School Mathematics Teachers' Technological Pedagogical Content Knowledge Confidence in Terms of Technology Component <b>Mehmet Alper Ardiç</b>		Mathematical Modelling for Complex Biochemical Networks and Identification of Fast and Slow Reactions <b>Sarbaz Hamza Abdullah Khoshnaw</b>
09.30-09.45		An Elliptic Curve Cryptography based Authentication protocol for Vehicular cloud computing <b>Vinod Kumar</b>		Implications of Mungbean Seed Soaking on its Germination and Early Development of Mungbean <b>Fahmida Abbasi</b>		A Complete Analytical Solution to the Integro-Differential Model for Nucleation and Evolution of Crystals in a Metastable System <b>Eugeny Makoveeva</b>
09.45-10.00		An Elliptic Curve Cryptography based Mutual Authentication Protocol for Secure Communication System <b>Adesh Kumari</b>		Optimization Based SVM-RFE as Feature Selection for Microarray Data Analysis on Chronic Kidney Disease (CKD) <b>Mas Andam Syarifah</b>		Energy Harvester Design and Application By Electromagnetic Field for Wireless Data Transmission Systems <b>Serdal Arslan</b>
10.00-10.10	<b>COFFEE BREAK</b>					
10.10-10.25	<b>Chair: Feyza Esra Erdoğan</b>	On Some Estimates for the Degenerate Parabolic System <b>Tariel Sanikidze</b>	<b>Chair: Mehmet Eyüp Kiriş</b>	Regularity and Projective Dimension of Graphs <b>Alper Ülker</b>	<b>Chair: Mustafa Yıldırım</b>	Eigenvalue Estimates Involving Energy-Momentum Tensor on The Spin Manifolds <b>Serhan EKER</b>
10.25-10.40		Effort Estimation for Projects in the Retail Sector: An Applied Study of a Modified COCOMO Approach Using Multiple Linear Regression <b>Yasemin Arici</b>		An Algorithm to Generate Codes by DNA <b>Elif Segah Öztaş</b>		Generalised eta-Ricci Solitons On Einstein-Semisymmetric Nearly Kenmotsu Manifolds <b>Gülhan Ayar</b>
10.40-10.55		Euclidean Distance over Incomplete Datasets <b>Loai Abdallah</b>		An Application of Modified Exponential Method to the Newell-Whitehead Equation <b>Bilge İnan</b>		On Nearly Alpha -Cosymplectic Manifolds <b>Dilek Demirhan</b>
10.55-11.10		Flow of Viscoelastic fluid with variable thermal conductivity <b>Muhammad Ramzan</b>		High accuracy numerical solutions by logarithmic finite difference method for the generalized Burgers-Huxley equation <b>Bilge İnan</b>		Etha-Ricci Soliton in Kenmotsu Manifold <b>Mustafa Yıldırım</b>

11.10-11.20	COFFEE BREAK					
11.20-12.00	Keynote Speaker: Prof. Dr. Zlatko PAVIC (CHAIR: Prof. Dr. Mustafa Kemal YILDIZ)					
12.00-14.00	LUNCH					
14.00-14.15	Chair: Zlatko Pavic	On the generalized Iyengar type inequalities <b>Mehmet Zeki Sarıkaya</b>	Chair: Hüseyin Budak	Grüss and Chebyshev type inequalities involving conformable fractional moments of random variable <b>Bahar Başkır</b>	Chair: Gamar Mammadova	A predator-prey model with fear factor, Allee effect and periodic harvesting rate <b>Dipo Aldila</b>
14.15-14.30		New Ostrowski type inequalities via conformable type mean value theorems <b>Samet Erden</b>		An Intuitionistic Full Type-2 Fuzzy Clustering <b>Bahar Başkır</b>		On how to avoid Gibbs effects based on B-splines tight framelets methods <b>Mutaz Muhammad</b>
14.30-14.45		Hermite-Hadamard Inequalities for Multidimensional $\phi$ -Convex Functions <b>Fatma Buğlem Yalçın</b>		Grüss type inequalities involving conformable fractional moments <b>Rumeysa Erden</b>		Numerical Simulation of Conformable Fuzzy Differential Equations <b>Mohammad Al-Smadi</b>
14.45-15.00		Multidimensional General Preinvexity for Functions and associated Hadamard's Inequalities <b>Fatma Buğlem Yalçın</b>		Refined inequalities of Perturbed Ostrowski type for higher order absolutely continuous functions and applications <b>Samet Erden</b>		Approximate Solution for a Class of Linear Fractional Swift-Hohenberg Problems <b>Mohammad Al-Smadi</b>
15.00-15.15	COFFEE BREAK					
15.15-15.30	Chair: Bilal Eftal Acet	A study on curves of 3-dimensional para-Sasakian manifolds <b>Selcen Yüksel Perktaş</b>	Chair: Muhammad Al Smadi	A note on the Poly-Tangent polynomials with a q-Parameter <b>Burak Kurt</b>	Chair: Selcen Yüksel Perktaş	On Para-Sasakian Manifolds With Some Curvature Conditions <b>Bilal Eftal Acet</b>
15.30-15.45		Schrödinger Differential equation and Non-commutative geometry <b>Slimane Zaiem</b>		Some Identities For The Hermite-Based Fubini Polynomials <b>Burak Kurt</b>		On Bi-f-Harmonic Curves <b>Bilal Eftal Acet</b>
15.45-16.00		Left Semi Derivations on Prime Rings <b>Evrım Güven</b>		Multi-Task Deep Learning (MTDL) and Support Vector Machine (SVM) Implementation for Analysis of Gene Expression Data in Chronic Kidney Disease (CKD) <b>Ely Sudarsono</b>		f- Biharmonic Normal Section Curves <b>Gülistan Polat</b>
16.00-16.15		On $(\sigma, \tau)$ -Lie Ideals and one Sided Generalized Derivations <b>Evrım Güven</b>		Mathematical Modeling of Rock Massif Dynamics under Explosive Sources of Disturbances <b>Gulmira Zakiryanova</b>		On Almost Poly-Norden Manifolds <b>Tuba Acet</b>
16.15-16.30	COFFEE BREAK					

16.30-17.10	Keynote Speaker: Prof. Dr. Nesip AKTAN (CHAIR: Prof. Dr. Mehmet Zeki SARIKAYA)					
<b>THIRD DAY 30 April 2019</b>						
<b>4/30/2019 TUESDAY</b>		Akdeniz		Ege		Marmara
09.00-09.15	<b>Chair: Alper Ekinci</b>	Inequalities for r-Convex Functions via Fractional Integrals <b>Merve Avcı Ardiç</b>	<b>Chair: Shrideh Alomari</b>	Two-dimensional Inverse Problem for Heat Distribution with Periodic Boundary Condition <b>İrem Bağlan</b>	<b>Chair: Erhan SET</b>	Grüss Type Inequalities for Fractional Integral Operator Involving The Extended Generalized Mittag-Leffler Function <b>Filiz Demirci</b>
09.15-09.30		On New Generalizations of Some Integral Inequalities via Katugampola Fractional Integrals <b>Bariş Çelik</b>		Continuous Dependence on Data for a Solution of Heat Conduction of Polymeric Materials <b>İrem Bağlan</b>		Some Integral Inequalities For Functions Whose Second Derivatives Are eta-Convex <b>Merve Yılmaz</b>
09.30-09.45		Hermite-Hadamard Type Inequalities for m-Geometrically Convex Functions via Conformable Fractional Integral Operators <b>Ebru Yüksel</b>		Investigation the Effect of Laser Energy on Heat Affected Zone (HAZ) in Fiber Reinforced Polyphenylene Sulphide (PPS) and Mathematical Simulation of HAZ <b>Timur Canel</b>		New Generalized Inequalities for Preinvex Functions on the Coordinates in a Rectangle from the Plane <b>Fatma Buğlem Yalçın</b>
09.45-10.00		New integral inequalities for geometrically convex functions via conformable fractional integral operators <b>Ahmet Ocak Akdemir</b>		Mathematical Modelling of the Effect of Laser Pulse Duration on Heat Affected Zone in Fiber Reinforced Polyphenylene Sulphide (PPS) <b>Timur Canel</b>		Generalized Inequalities for Two-Dimensional General Preinvex Functions <b>Fatma Buğlem Yalçın</b>
10.00-10.15	<b>COFFEE BREAK</b>					
10.15-10.55	Keynote Speaker: Prof. Dr. Praveen AGARWAL (CHAIR: Prof. Dr. Mehmet Zeki SARIKAYA)					

11.00-11.15	Chair: Mehmet Eyüp Kiriş	On Hermite-Hadamard Type Inequalities for Co-ordinated Trigonometrically $\rho$ -convex Functions	Chair: Gulmira Zakiryanova	Critical Vertices for Exponential Domination in Some Graphs	Chair: M. Emin Özdemir	Weighted Fractional Ostrowski, Trapezoid and Midpoint Type Inequalities		
		<b>Hasan Kara</b>				<b>Betül Atay Atakul</b>		<b>Hüseyin Budak</b>
11.15-11.30		A New Generalization of Grüss Type Inequality via Extended Generalized Fractional Integrals				Forced Oscillation of Fractional Differential Equations via Caputo Derivatives with Damping Term		On Inequalities for Products of Trigonometrically $\rho$ -convex Functions
		<b>Erhan Set</b>				<b>Mustafa Kemal Yıldız</b>		<b>Hüseyin Budak</b>
11.30-11.45		On Fejer type inequalities for co-ordinated trigonometrically $\rho$ -convex functions		Modified Hierarchical Clustering Algorithm Based on Density Peaks using Kernel Function for Sinusitis Classification		On the generalized trapezoidal inequality for convex function		
		<b>Mehmet İbrahim Erkan</b>		<b>Sri Hartini</b>		<b>Mehmet Zeki Sarıkaya</b>		
11.45-12.00		On Generalizations of Grüss Inequality by means of mixed conformable fractional integral		New Inequalities for $s$ -Convex Functions via Conformable Fractional Integrals		On New Generalizations of Existing Inequalities for Quasi-convex Functions		
		<b>Erhan Set</b>		<b>Alper Ekinci</b>		<b>Ali Karaođlan</b>		