

Draft Schedule for the MICOPAM 2018:
The Mediterranean International Conference of Pure&Applied Mathematics and related areas dedicated to Professor Gradimir V. Milovanović on the Occasion of his 70th anniversary,
Sherwood Exclusive Kemer Hotel Antalya-Turkey
October 26-29, 2018

October 26, 2018 (Friday)

09:00 – 12:30	Registration		
12:30 – 13:45	Lunch		
13:45 – 14:30	Opening Ceremony (including the talks of Yilmaz Simsek , Erol Gürpınar (vice-Rector) and Gradimir V. Milovanović)		
14:30 – 15:15	Chairman: Gradimir V. Milovanović Invited Speaker: Walter Gautschi Title of Talk: On conjectures of Stenger in the theory of orthogonal polynomials		
15:15 – 16:00	Chairman: Walter Gautschi Invited Speaker: Francisco Marcellán Español Title of Talk: Matrix biorthogonal polynomials and matrices of measures: Linear Spectral perturbations		
16:00 – 16:10	Coffee Break		
16:10 – 16:55	Chairman: Lothar Reichel Invited Speaker: Allal Guessab Title of Talk: Voronoi diagrams, Delaunay triangulations and applications		
16:55 – 17:40	Chairman: Allal Guessab Invited Speaker: Lothar Reichel Title of Talk: Generalized Krylov subspace methods for l_p - l_q minimization with application to image restoration		
17:40 – 17:50	Coffee Break		
	Parallel Sessions		
	Hall 1 Chairman: Allal Guessab	Hall 2 Chairman: Lothar Reichel	Hall 3 Chairman: Francisco Marcellán Español
17:50 – 18:10	Speaker: Branko Malešević Title of Talk: Minimax approximations and some analytic inequalities with a parameter	Speaker: Fatima Zohra Mostefai Title of Talk: Weak Solutions for Nonlinear Fractional Differential Equations in Banach Spaces	Speaker: Ahmad Baniabedruhman Title of Talk: A Coupled Volume-of-Fluid And Level Set Method in interDyMFoam solver
18:10 – 18:30	Speaker: Petko Proynov Title of Talk: Approximation of fixed points of nonlinear contractions in metric spaces	Speaker: Maria Zeltser Title of Talk: Matrix transformations and generalized almost convergence	Speaker: Ali Krelifa Title of Talk: Classical character of 2-OPS
18:30 – 18:50	Speaker: Mohand Ouamar Hernane Title of Talk: One D(4)-Diophantine triples of Fibonacci numbers	Speaker: Samer Al Ghour Title of Talk: Slightly ω - (μ, σ) -irresolute functions between generalized topological spaces	Speaker: Razika Niboucha Title of Talk: Composition of quasi-polynomial maps
18:50 – 19:10	Speaker: Stoil Ivanov Title of Talk: Semilocal convergence of Sakurai-Torii-Sugiura method for	Speaker: Zoran Misajleski Title of Talk: Inner differentiability and differential forms on	Speaker: Sadaoui Boualem Title of Talk: Multiple zeta values at the non-positive integers

	simultaneous approximation of polynomial zeros	tangentially locally linearly independent sets		
19:10 – 19:20	Coffee Break			
	Hall 1 Chairman: Rahime Dere Paçin	Hall 2 Chairman: Veli Kurt	Hall 3 Chairman: Irem Kucukoglu	
19:20 – 19:40	Speaker: Ji Suk So Title of Talk: Some result for binomial convolution sums of restricted divisor functions	Speaker: Ho-Hon Leung Title of Talk: Maximal commutative subalgebras of a Grassmann algebra	Speaker: Şerife Yılmaz Title of Talk: Box Coefficients for Discrete Time Systems	
19:40 – 20:00	Speaker: Hyungyu Ahn Title of Talk: Note on Mobius-Bernoulli numbers	Speaker: Abdallah Rababah Title of Talk: Numerical Solution of Ordinary Differential Equations and Burger-Huxley Second Order Partial Differential Equations using Splines	Speaker: Fusun Yalcin Title of Talk: Statistical Evaluation of heavy metals and other elements distribution in the Lara beach sand by Using Multivariable Statistic Method	
20:00 – 20:20	Speaker: Elif Tan Title of Talk: Some basic properties of the generalized bi-periodic Fibonacci and Lucas sequences	Speaker: Kheireddine Biroud Title of Talk: An improved Hardy-Sobolev inequality with singular weight at the boundary	Speaker: Buket Simsek Title of Talk: Observations On Statistical Tests Used In Neuroscience	
20:20 – 20:30			Speaker: Buket Simsek Title of Talk: Effects of Wavelet Families and Filter Coefficients on EEG Frequency Spectrum	
Dinner				
October 27, 2018 (Saturday)				
08:30 – 09:00	Registration			
09:00 – 09:45	Chairman: Abdelmejid Bayad Invited Speaker: Ekrem Savas Title of Talk: On some new sequence spaces of order α			
09:45 – 10:00	Coffee Break			
10:00 – 10:45	Chairman: Yilmaz Simsek Invited Speaker: Abdelmejid Bayad Title of Talk: Diophantine equations and Indices in cubic number fields			
10:45 – 10:50	Coffee Break			
Parallel Sessions				
	Hall 1 Chairman: Ismail Naci Cangul	Hall 2 Chairman: Nesrin Tutaş	Hall 3 Chairman: Taekyun Kim	Hall 4 Chairman: Simten Bayrakci
10:50 – 11:10	Speaker: Mehmet Ali Özarlan Title of Talk: Jain-Appell Operators and Their Approximation Properties	Speaker: Mine Menekşe Yılmaz Title of Talk: A note on pointwise convergence by nonlinear singular integral operators in mobile interval	Speaker: Veli Kurt Title of Talk: On The Partially q-Poly-Euler Polynomial of The Second Kind	Speaker: Miguel Martins Felgueiras Title of Talk: Exploring Non-Convex Mixtures
11:10 – 11:30	Speaker: Suzan C. Buranay	Speaker: Jose M. Rodriguez	Speaker: Eda Yuluklu	Speaker: João Paulo Oliveira Martins

	Title of Talk: On the Truncation Error in the Solution of Dirichlet Problem for Laplace's Equation in Plane by Finite Differences Using Hexagonal Grid	Title of Talk: Structure theorem for quasihyperbolic metric	Title of Talk: A note on Hermite Base Euler Type Polynomials	Title of Talk: Comparing estimation in batched tests using one and two-dimensional arrays via simulation
11:30 – 11:50	Speaker: Ceren Ustaoglu Title of Talk: Extended incomplete version of hypergeometric functions	Speaker: Rosalío Reyes Title of Talk: Domination on graphs and hyperbolicity	Speaker: Burak Kurt Title of Talk: Notes On The Poly-Korobov Type Polynomials and Related Polynomials	Speaker: Graça Tomaz Title of Talk: Pascal trapezoids emerging from hypercomplex polynomial sequences
11:50 – 12:10	Speaker: İlkay Elidemir Title of Talk: On the ω -Multiple Meixner Polynomials of First Kind	Speaker: Ana Portilla Title of Talk: Relations of the geometric-arithmetic index with some topological indices	Speaker: Zerzaihi Tahar Title of Talk: On the factorisation of p -adic meromorphic functions; primality and pseudo-primality	Speaker: Isabel Cação Title of Talk: Vietoris' number sequence and its generalizations through hypercomplex function theory
12:10 – 12:30	Speaker: Gizem Baran Title of Talk: On the ω -Multiple Charlier Polynomials			
12:30 – 13:45	Lunch			
	Parallel Sessions			
	Hall 1 Chairman: Gradimir V. Milovanović	Hall 2 Chairman: Mehmet Ali Özarlan	Hall 3 Chairman: Öznur Özkan Kılıç	Hall 4 Chairman: Mustafa Gurhan Yalcin
14:00 – 14:20	Speaker: Miodrag Spalević Title of Talk: Quadrature Formulas with Multiple Nodes for Fourier Coefficients	Speaker: Elif Çetin Title of Talk: Remarks on special sums associated with Hardy sums	Speaker: Ebru Aydoğdu Title of Talk: On the Construction of Fuzzy Topology induced by a Fuzzy Metric	Speaker: Niyazi Ugur Kockal Title of Talk: Prediction of modulus of elasticity by using artificial bee colony optimization
14:20 – 14:40	Speaker: Aleksandar Pejcev Title of Talk: On Gaussian rules for some modified Chebyshev weights	Speaker: Aykut Ahmet Aygunes Title of Talk: A generalization of incomplete gamma function	Speaker: Canan Akın Title of Talk: Fuzzy Soft Multi LA-F-Semigroups	Speaker: Emre Demir Title of Talk: Facility Location Determined by an Iterative Technique
14:40 – 15:00	Speaker: Dusan Djukić Title of Talk: Internality of truncated averaged Gaussian quadratures	Speaker: Seçil Bilgiç Title of Talk: On the Partially q -Poly-Bernoulli Numbers and Polynomials	Speaker: Melek Erdoğan Title of Talk: On Double Rotations in Minkowski Space-time	Speaker: Emre Demir Title of Talk: Assigning Convenient Paths by an Approach of Dynamic Programming
15:00 – 15:20	Speaker: Jelena Tomanović Title of Talk: Error	Speaker: Erkan Agyuz Title of Talk: A survey on Z transforms and	Speaker: Melek Erdoğan Title of Talk:	Speaker: Mehmet Öner Şakar Title of Talk: New

	Estimates for Some Product Gauss Rules	q analysis	Generalized Darboux Frame of Curves on Hypersurfaces in Euclidean Four Space	application on (ϕ, δ) monotone sequences
15:20 – 15:40	Speaker: Rada Mutavdžić Title of Talk: The error bounds of Gauss-Lobatto quadrature for weight functions of Bernstein-Szegő type	Speaker: Yuriy Shablya Title of Talk: Euler-Catalan's Number Triangle and its Application	Speaker: Abderrazak Driouch Title of Talk: A geometrically convergent modified moving asymptotes method	Speaker: Ghaus ur Rahman Title of Talk: Application of Topological Degree Method in Qualitative Behavior of Fractional Differential Equation
15:40 – 15:50	Coffee Break			
	Hall 1 Chairman: Aykut Ahmet Aygunes	Hall 2 Chairman: Niyazi Ugur Kockal	Hall 3 Chairman: Mine Menekşe Yılmaz	
15:50 – 16:10	Speaker: Mario Krnić Title of Talk: Advanced refinements of Hilbert-type inequalities in a difference form	Speaker: Dahbia Hernane Title of Talk: Numerical solution of a free surface flow problem over an obstacle	Speaker: Seçil Çeken Title of Talk: On the Upper Second Spectrum Of a Module	
16:10 – 16:30	Speaker: Tomislav Burić Title of Talk: New asymptotic expansions and approximation formulas for the factorial function	Speaker: Hessah Alqahtani Title of Talk: Generalized Block Anti-Gauss Quadrature Rules	Speaker: Mehmet Uç Title of Talk: On generalization of group rings and group modules over G-sets	
16:30 – 16:50	Speaker: Mirna Rodić Title of Talk: On the comparison of two different one-parametric generalizations of the logarithmic mean	Speaker: Öznur Özkan Kılıç Title of Talk: Coefficient estimates for a class containing quasi-convex functions of complex order	Speaker: Neslihan Aytaç Title of Talk: Some Results On Prime And 2-Absorbing Primary C-Ideals Of Multiplicative Hyperrings	
16:50 – 17:10	Speaker: Dora Pokaz Title of Talk: On generalized f-divergences through matrix inequality approach	Speaker: Öznur Özkan Kılıç Title of Talk: A note on a subclass of analytic functions	Speaker: Yousuf Abdullah Alkhezi Title of Talk: Tensors and the Clifford Algebra: Special case Pinched Tensor Product	
17:10 – 17:30	Speaker: Marjan Praljak Title of Talk: Lidstone interpolation of composition function and Steffensen-type inequalities	Speaker: Hamdullah Başaran Title of Talk: Some operator inequalities and their applications	Speaker: Yousuf Abdullah Alkhezi Title of Talk: On the stabilizer of two dimensional vector space of 27-dimensional module of type E_6 over a field of characteristic two	
17:30 – 17:40	Coffee Break			
	Hall 1 Chairman: Miodrag Spalević	Hall 2 Chairman: Mohand Ouamar Hernane	Hall 3 Chairman: Seçil Çeken	Hall 4 Chairman: Ekrem Savas
17:40 – 18:00	Speaker: Miroslav Pranić Title of Talk:	Speaker: Ümmügülsün Akbaba Title of Talk: On	Speaker: Haissam Chehade Title of Talk: Cyclic	Speaker: Nesrin Tutaş Title of Talk: Addition

	Orthogonal polynomials and the mismatch theorem	Suborbital Graphs and Matrices with Even Fibonacci and Lucas Numbers	Generalized Group of Units of $Z[i]/\langle \beta \rangle$	Behavior of an Arf Numerical Semigroup
18:00 – 18:20	Speaker: Julije Jakšetić Title of Talk: On entropies and some special functions	Speaker: Pembe İpek Al Title of Talk: Lorentz-Schatten Characteristic of Compact Inverses of First Order Normal Differential Operators	Speaker: Yahia Awad Title of Talk: Power GCDQ Matrices over Euclidean Domains	Speaker: Simten Bayrakci Title of Talk: Boundedness of the B-Maximal Commutators on B-Morrey Spaces
18:20 – 18:40	Speaker: Ana Vukelić Title of Talk: On Levinson's inequality involving averages of 3-convex functions	Speaker: Pembe İpek Al Title of Talk: Lorentz-Marcinkiewicz Property of Direct Sum of Operators	Speaker: Yahia Awad Title of Talk: The Reciprocal Power GCDQ Matrices and Power LCMQ Matrices over Euclidean Domains	Speaker: Simge Öztunç Title of Talk: Jungck Type Fixed Point Results in Rectangular Soft Metric Spaces
18:40 – 19:00	Speaker: Marija Stanic Title of Talk: Multiple orthogonal polynomials on the semicircle	Speaker: Ismail Naci Cangul Title of Talk: Omega Invariant and Its Applications in Graph Theory	Speaker: Hassan Samadi Title of Talk: Homogenization of a Non-linear problem with Neumann-Newton Interface Condition	Speaker: Canan Akın Title of Talk: Multi Hypergroups
19:00 – 19:20	Speaker: Tatjana Tomović Title of Talk: Multiple orthogonal trigonometric polynomials of semi-integer degree and the corresponding quadrature rules	Speaker: Ismail Naci Cangul Title of Talk: Fundamental Forms and Omega Invariant of Graphs	Speaker: Behruz Tayfeh Rezaie Title of Talk: Star Saturation Number of Random Graphs	Speaker: Mohamed Abdelmalek Title of Talk: A transversality condition of codimension one submanifolds
19:20 – 19:40	Speaker: Doris Doda Title of Talk: Some local forms of new convergences and one type of Arzelà Theorem	Speaker: Burcu Çınarcı Title of Talk: On the Taketa inequality	Speaker: Abdel-Karrem Alomari Title of Talk: Anti-synchronization of nonidentical fractional order hyperchaotic systems	
20:00	Gala Dinner			
October 28, 2018 (Sunday)				
09:00 – 19:00	Excursion (Antalya Tour)			

19:10 – 19:50	Poster Session		
	Dinner		
October 29, 2018 (Monday)			
09:30 – 10:15	Chairman: Yilmaz Simsek Invited Speaker: Taekyun Kim Title of Talk: On Extended Stirling polynomials of the second kind and extended Bell polynomials associated with Poisson random variables		
10:15 – 10:30	Coffee Break		
	Parallel Sessions		
	Hall 1 Chairman: Gradimir V. Milovanović	Hall 2 Chairman: Fusun Yalcin	Hall 3 Chairman: Dahbia Hernane
10:30 – 10:50	Speaker: Yilmaz Simsek Title of Talk: Integral representations of generating functions for combinatorial numbers and polynomials	Speaker: Seda Öztürk Title of Talk: A Generalization of the Suborbital Graphs Generating Fibonacci Numbers for the Subgroup Γ^3	Speaker: Ramandeep Behl Title of Talk: Efficient optimal families of higher-order iterative methods with local convergence
10:50 – 11:10	Speaker: Rahime Dere Paçin Title of Talk: A Recurrence Relation for the q-Appell Polynomials	Speaker: Seda Öztürk Title of Talk: Some Results On Suborbital Graphs	Speaker: Mustafa Gurhan Yalcin Title of Talk: Statistical classification of Turuncova marbles with physical-mechanical properties, Finike, Antalya
11:10 – 11:30	Speaker: Irem Kucukoglu Title of Talk: A Note On Combinatorial Numbers and Polynomials	Speaker: Nesibe Macit Title of Talk: Relatively-Normal Slant Helices and Their Characterizations	Speaker: Samaher Khalaf Alharbi Title of Talk: A family of higher-order iteration functions for the solutions of nonlinear models
11:30 – 11:50	Speaker: Neslihan Kilar Title of Talk: Special numbers arise from trigonometric and hyperbolic functions	Speaker: Ortaç Öneş Title of Talk: On One-sided Prime Submodules	Speaker: Mohamed Nehari Title of Talk: Existence of solutions for Second Differential Equation with Boundary Conditions in Time-Scales
11:50 – 12:10	Speaker: Büşra Al Title of Talk: A Note on Relations Among Partitions	Speaker: Ortaç Öneş Title of Talk: On Relations between Subgroups of a Group and Submodules of a Module over Group Rings	
12:10 – 12:30	Closing Ceremony		