

Program Schedule for MICOPAM 2019
The 2nd Mediterranean International Conference of Pure & Applied
Mathematics and Related Areas
Paris-France, August 28-31, 2019

Conference Venue

Université d'Evry Val d'Essonne, Bâtiment Maupertuis, 3 rue du Père Jarlan, 91025 Évry in Paris, FRANCE
 (It's in front of the Hotel Residhome Apparthotel. By Google Maps, it's easy to find.)

Important Notes

- 1) All Talks and Opening Ceremony will be held in Bâtiment Maupertuis, Université d'Evry Val d'Essonne.
- 2) The Opening Ceremony and Invited Talks will be in the Hall: Amphi 100
- 3) The Contributed Talks will be in the halls: Hall 01E04, Hall 01E05, Hall 01E06.

August 28, 2019 (Wednesday)

09:00 – 10:00	Registration + Coffee		
10:00 – 10:45	Opening Ceremony		
10:45 – 11:30	Chairman: Yilmaz Simsek Invited Speaker: Gradimir V. Milovanović Title of Talk: Orthogonality on the Semicircle in the Complex Plane and Quadrature Formulas		
11:30 – 11:45	Coffee Break		
11:45 – 12:30	Chairman: Gradimir V. Milovanović Invited Speaker: Branko Malešević Title of Talk: Automated inequality proving and applications		
12:45 – 13:45	Lunch		
14:00 – 14:45	Chairman: Abdelmejid Bayad Invited Speaker: Daeyeoul Kim Title of Talk: Divisor functions and polygon shape number		
14:45 – 15:00	Coffee Break		
15:00 – 15:45	Chairman: Branko Malešević Invited Speaker: Alan Filipin Title of Talk: The extension of some Diophantine triples		
	Parallel Sessions		
	Hall 01E04 Chairman: Branko Malešević	Hall 01E05 Chairman: Mustafa Alkan	Hall 01E06 Chairman: Füsün Yalçın
16:00 – 16:15	Speaker: Gizem Baran Title of Talk: Recurrence Relations and Difference Equation for the w-Multiple Charlier Polynomials	Speaker: Ahmet Sinan Cevik Title of Talk: New constructions on a special type of General products over monoids	Speaker: Emre Demir Title of Talk 1: Recurrent Process on Appointing an Aid Site: A Case for Airports
16:15 – 16:30	Speaker: Mehmet Bozer Title of Talk: Linking Bernoulli and Euler Polynomials and their interpolation problem	Speaker: Suha Wazzan Title of Talk: Some algebraic structures on the generalization general products of monoids and semigroups	Speaker: Emre Demir Title of Talk 2: Relationship Between Traffic Intensity and Pavement Deflections
16:30 – 16:45	Speaker: Marija Stanic Title of Talk: Anti-Gaussian quadrature rule for trigonometric polynomials	Speaker: Nouredine Midoune Title of Talk: Weights of the F_q -forms of 2-step splitting trivectors of rank 8 over a	Speaker: Salisu Ibrahim Title of Talk: Degree Reduction of Bézier Curves with Chebyshev Weighted G^3 -Continuity

		finite field	
16:45 – 17:00	Speaker: Cemaliye Kürt Title of Talk: Bivariate h-Mittag-Leffler Functions with 2D-h-Laguerre-Konhauser Polynomials corresponding h-fractional operators	Speaker: Alias Barakat Khalaf/Hasan Hazim Jameel Title of Talk: On weak topological BCK-algebras	Speaker: Mitat Uysal Title of Talk: Optimal Curve Fitting Model Using Nature Inspired Optimization Algorithm
17:00 – 17:15	Speaker: İlkey Elidemir Title of Talk: Generating Functions and Difference Equations for ω -Multiple Meixner Polynomials	Speaker: Ismail Naci Cangul Title of Talk: New Topological Results on Omega Invariant	Speaker: Ángel Giménez Title of Talk: Stability analysis of a generalized TCP-RED algorithm for Internet congestion control
17:15 – 17:30	Speaker: Ortaç Öneş Title of Talk: Dual Zariski Topology related to Ideals of a Ring	Speaker: Firat Ates Title of Talk: Building new structures via known ones	Speaker: Majid Yousefikhoshbakht Title of Talk: An Ant Colony Optimization for Heterogeneous Fixed Fleet Open Vehicle Routing Problem
17:30 – 17:45	Speaker: Ortaç Öneş Title of Talk: A Generalization of Prime Ideals in a Commutative Ring	Speaker: Natthawut Bunlue Title of Talk: Best Proximity Point Results for Proximal Nonexpansive Multivalued Mappings on starshaped sets	

August 29, 2019 (Thursday)

08:30 – 09:00	Registration
09:00 – 09:45	Chairman: Daeyeoul Kim Invited Speaker: Ayoub Otmani Title of Talk: On trapdoor functions from error-correcting codes
09:45 – 10:00	Coffee Break
10:00 – 10:45	Chairman: Ayoub Otmani Invited Speaker: Hussein Mourtada Title of Talk: Arc spaces and partition identities

Parallel Sessions

	Hall 01E04	Hall 01E05	Hall 01E06
	Chairman: Yilmaz Simsek	Chairman: Ortaç Öneş	Chairman: Hussein Mourtada
11:00 – 11:15	Speaker: Min-Soo Kim Title of Talk: On p-adic multiple Barnes-Euler zeta functions and the corresponding log gamma functions	Speaker: Mohammed Tamekkante Title of Talk: A generalization of Posner's theorem on derivations in rings	Speaker: Füsün Yalçın Title of Talk 2: Investigation of Air Quality Index by Spatial Data Analysis: a Case Study on Turkey
11:15 – 11:30	Speaker: Ji Suk So Title of Talk: Remarks and Observations On Combinatorial and Changhee Numbers and Polynomials	Speaker: Fadila Leslous Title of Talk: Determining a Global Optimum of a Nonconvex Function in R^n Box	Speaker: Özge Özer Title of Talk 1: Comparison of Physico-Mechanical Properties of Clova and Lyca Marbles in Akçay (Antalya) Region by Using Independent-Samples T-test Statistics
11:30 – 11:45	Speaker: Hyungyu Ahn Title of Talk: Applications of	Speaker: Graça Tomaz Title of Talk: Some	Speaker: Özge Özer Title of Talk 2: Appraisal of

	generating functions derived from Möbius-Bernoulli numbers	remarkable combinatorial relations based on methods of hypercomplex function theory	Metal Accumulation in Beach Sand Using Contamination Indices and Multivariate Statistical Analysis
11:45 – 12:00	Speaker: Sungho Yoo Title of Talk: Polygon shape numbers derived from restricted divisor functions	Speaker: Fatima Dib Title of Talk: Critical Point Theory for a Class of delay differential equations	Speaker: Nurfer Çizmeci Title of Talk 2: Analysis of the Students' Attitudes Towards Math and Geometry Courses by Using Exploratory Factor Analysis
12:00 – 12:15	Speaker: Rahime Dere Paçin Title of Talk: A note on q-associated polynomials	Speaker: Shariful Alam Title of Talk: A new approach to solve multi-attribute decision making problems by logarithmic operational laws in interval neutrosophic environment	
12:15 – 12:30	Speaker: Erkan Agyuz Title of Talk: On q-Bernstein-Schurer Polynomials	Speaker: Kulbhushan Singh Title of Talk: Finding a Quintic spline for solving Cauchy Initial Value Problem	
12:30 – 13:45	Lunch		
14:00 – 14:45	Chairman: Olivier Ruatta Invited Speaker: Marc-Antoine Coppo Title of Talk: Alternative series involving multiple zeta values		
14:45 – 15:00	Coffee Break		
15:00 – 15:45	Chairman: Isabel Cação Invited Speaker: Olivier Ruatta Title of Talk: Rank codes based cryptography		
Parallel Sessions			
	Hall 01E04	Hall 01E05	Hall 01E06
	Chairman: Min-Soo Kim	Chairman: Graça Tomaz	Chairman: Rahime Dere Paçin
16:00 – 16:15	Speaker: Dong Liang Title of Talk: Mass-Preserving High-Order Characteristic Finite Volume Scheme for Convection Diffusion Equations and Environmental Computations	Speaker: Aynur Uysal Title of Talk: $\varphi(\text{Ric})$ -vector fields on almost pseudo Ricci symmetric manifolds	Speaker: Mahmoud DarAssi Title of Talk: Mathematical Analysis of a discrete SEIR epidemic model with treatment
16:15 – 16:30	Speaker: Hafidha Sebbagh Title of Talk: The multiplicity of positive solutions for a class of quasilinear boundary value problems	Speaker: Mohammed Seddik Title of Talk: On cubic Thue equations and the indices of algebraic integers in cubic fields	Speaker: Francisco Bautista Title of Talk: Mathematical modeling of bacterial resistance to antibiotics
16:30 – 16:45	Speaker: El Amir Djefal Title of Talk: A Parametric Kernel Function Yielding the Best Known Iteration Bound of Interior-Point Methods for Linear Optimization	Speaker: Taras Goy Title of Talk: Tetranacci identities using Hessenberg matrices	Speaker: Abdelkader Lamamri Title of Talk: Stabilized column generation for the crew pairing problem with time windows
16:45 – 17:00	Speaker: Rahul Kumar Maurya Title of Talk: Efficient and	Speaker: Mustafa Alkan Title of Talk: Sequences on an integral domain	Speaker: Mohamed Djemaà Sadoun Title of Talk: A

	stable finite difference scheme for fractional differential wave model arising from dielectric media		semiparametric SETINAR model, new approach for time series of counts
17:00 – 17:15	Speaker: Irigo Edouard Zibo Title of Talk: Minimal time synthesis for nonlinear Bloch model in quantum dots	Speaker: Dmitry Kruchinin Title of Talk 1: Application of the method of compositae in combinatorial generation	Speaker: Dong Kyu Kim Title of Talk: A generalization of S-Noetherian rings
17:15 – 17:30	Speaker: Rachid Chaili Title of Talk: Iterate problem in Roumieu spaces of systems of interior and boundary differential operators	Speaker: Dmitry Kruchinin Title of Talk 2: Solution for a functional equation $B(x) = H(xB(x)^r)$	Speaker: Minjae Kwon Title of Talk: Star global dimension of power series rings over w-coherent rings
17:30 – 17:45	Speaker: Faouzi Haddouchi Title of Talk: Existence of positive solution for a p-Laplacian fractional differential equation	Speaker: Santanu Saha Ray Title of Talk: TBA	Speaker: Seung Min Lee Title of Talk: A generalization of Hurwitz polynomial rings-Gaussain polynomial rings
17:45 – 18:00	Speaker: Silvia María Ojeda Title of Talk: TBA		
Poster Session + Coffee			
Poster Session Chairman: Erkan Agyuz			
	Poster 1	Poster 2	Poster 3
18:00 – 18:15	Presenter: Sunyoung Bu Title of Poster: An enhanced algorithm for non-convex cost function in machine learning	Presenter: Soyoon Bak Title of Poster: High-order time discretization schemes for simulation of the Burgers' equations	Presenter: Sunmi Jung Title of Poster: A note on Ruled Submanifolds in Minkowski Space with Gauss map
			Presenter: Jung Wook Lim Title of Poster: Some annihilator conditions in generalized composite Hurwitz rings
19:30	Gala Dinner (Note: Gala dinner is free of charge for participants only. Their accompanying persons will pay their entrance fees for the gala dinner at the registration desk.)		
August 30, 2019 (Friday)			
09:00 – 09:45	Chairman: Mehmet Ali Özarlan Invited Speaker: Isabel Cação Title of Talk: On hypercomplex orthogonal polynomials		
09:45 – 10:00	Coffee Break		
10:00 – 10:45	Chairman: Hussein Mourtada Invited Speaker: Mehmet Ali Özarlan Title of Talk: $\Delta_{\{h\}}$ -Gould-Hopper Appell Polynomials		
Parallel Sessions			
	Hall 01E04	Hall 01E05	Hall 01E06

	Chairman: Abdelmejid Bayad	Chairman: Mehmet Bozer	Chairman: Alan Filipin
11:00 – 11:15	Speaker: Yilmaz Simsek Title of Talk: Combinatorial Numbers Arising from Two Parametric Apostol-Type Polynomials	Speaker: Natália Rego Title of Talk: Semi-direct product of universal α -central extensions of Hom-Leibniz algebras	Speaker: Mario Krnić Title of Talk: Jensen-type operator inequalities for bounded, Lipschitzian and higher order convex functions
11:15 – 11:30	Speaker: Irem Kucukoglu Title of Talk: Combinatorial sums arising from integral representations for certain families of combinatorial numbers and polynomials	Speaker: Erhan Ata Title of Talk: Kinematic Parallel Surfaces	Speaker: Mihaela Ribicic Penava Title of Talk: Generalizations of Ostrowski type inequalities via Hermite polynomials
11:30 – 11:45	Speaker: Neslihan Kilar Title of Talk: Relations Between Apostol-Type Polynomials and Combinatorial Numbers	Speaker: Olaniyi Sadik Maliki Title of Talk: A Novel Method for solving differential equations with Artificial Neural Networks	Speaker: Mohamad El Daou Title of Talk: Solving optimal control problems by a class of spectral methods
11:45 – 12:00	Speaker: Busra Al Title of Talk: Some Relations Between Partition and Fibonacci Numbers	Speaker: Malesela Kekana Title of Talk: Accuracy tests on built-in algorithms from Mathematica applied to the chaotic system	Speaker: Benaissa Zerroudi Title of Talk: Functional and derivative data interpolation by triangular Shepard operators
12:15 – 12:45	Closing Ceremony		
August 31, 2019 (Saturday)			
Free Time for Excursion on Your Own			