

Programme de la Conférence Internationale MOAD2024---20-22 octobre 2024

Lieu: Campus Tamda--Auditorium

Programme des conférences plénières et présentations Orales (08h-13h30)

Dimanche 20 Octobre 2024

N°	Horaire	Evènements			
1	08h00-09h00	Enregistrement			
2	09h00-09h30	Ouverture			
		Intervenant	Titre de la Conférence		Modérateur
3	09h30-10h20	Conférence plénière	Pr. Djaffar OUDL ABDESLAM	Artificial Intelligence for Energy Consumption Reduction: The case of the Upper Rhine Region	Pr. Djamil AISSANI
4	10h20-10h50	Pause Café			
5	10h50-11h40	Conférence plénière	Pr. Mourad BAIYOU	Game theory models and algorithms for trading demands	Pr. Bachir SADI
6	11h40-12h15	Conférence	Pr. Mohammed SBIHI	Mixed-integer quadratic programming formulations for computing the Lipschitz constant of ReLU networks	Pr. Mohammed AIDENE
7	12h30-13h30				

Lundi 21 Octobre 2024

N°	Horaire	Evènements	Intervenant	Titre de Conférence		Modérateur
1	08h30-09h20	Conférence Plénière	Pr. Islam BOUSSAADA	Stabilisation prescrite de systèmes de dimension infinie : nouvelles perspectives de fonctions hypergéométriques		Pr. Hisao FUJITA YASHIMA
2	09h20-10h10	Conférence Plénière	Pr. Hacène BELBACHIR	Combinatorial properties for classes of Appell polynomials		Pr. Hocine Fellag
3	10h10-10h40	Pause Café				
4	10h40-11h30	Conférence Plénière	Pr. Brahim MEZERDI	Stochastic Mean-Field Control problems and Applications		Pr. Djamel HAMADOUCHE
5	11h30-12h00	Conférence	Pr. Youcef ASKOURA	Moreau's sweeping process in separable Banach spaces		Pr. Mohammed MORSLI
6	12h00-12h30	Conférence	Pr. Moussa AHMIA	Over $\$(q,t)\$-bi\$^s\$nomial coefficients: Combinatorial properties and log-concavity$		Pr. Sadek BOUROUBI
7	12h30-13h30	Déjeuner				

Mardi 22 Octobre 2024

N°	Horaire	Evènements	Conférencier	Titre de Conférence		Modérateur
1	08h30-09h20	Conférence Plénière (Online)	Pr. Yacine CHITOUR	Approximate and exact controllability criteria for linear 1D hyperbolic systems		Pr. Said DJENNOUNE
2	09h20-10h10	Conférence Plénière (Online)	Pr. Emmanuel TRELAT	Exponential convergence towards consensus for non-symmetric linear first-order systems in finite and infinite dimensions		Pr Aissa AIBECHE
3	10h10-10h40	Pause Café				
4	10h40-11h10	Conférence	Pr Amar DEBBOUCHE	Mathematical modelling for the dynamic of COVID-19 epidemic in discrete time		Pr. Abderrahmane YOUSFATE
5	11h10-11h40	Conférence	Pr. Abdelmouhcine SENGOUGA	On the energy behavior of strings with time-varying length and boundary damping		Pr. Leila RAHMANI
	11h40-12h15	Conférence	Pr. Moussa LARBANI	Bimatrix Games under Uncertainty: A Survey		Pr. Hocine Fellag
6	12h15-13h00	Table ronde & Cloture		Pr. Moussa LARBANI		Pr. Hocine Fellag
7	13h00-14h00	Déjeuner				

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Présentation Online

Sessions Parallèles (Ateliers)--MOAD2024: 14h30-18h00

Présentation Face-to-Face

Lieu: Campus Hasnaoua 2, Faculté des Sciences

Lieu	Salle TP1	Salle TP2	Salle TP3	Salle TP4	Salle de Conf	Centre réseau	
Horaire/Atelier	Atelier Prob. Stat: Président: Pr. Yousfate	Atelier Optimisation: Président: Pr. Radjef	Atelier Maths Disc, Président: Pr. Belbachir	Atelier IA/Modélisation. Président: Pr. Z. Zidelmal	Atelier SD/Contrôle/EDP. Président: Pr. Aissa Aibeche	CR 1. Président: Pr. S. Bouroubi	CR 1 Président: Pr. R. BOUDJERADA
14h30-14h50	MEDDAHI SAMIA	Cherfaoui Yasmine	BEKKIS Chaima	Imad Eddine SAID	Sidhoumi Noura	Mehdaoui Abdelghani	Ghorab Elhouari
	Jump-Diffusion Parameters and Passage Times Estimation.	An integer programming approach to portfolio optimization with indefinite quadratic fractional objective function.	Tiling interpretation of the generalized Fibonacci Colored composition	Advanced Approaches for Network Function Placement in the Cloud: Extended Results and In-Depth Analyses	Ricci Soliton of Four-Dimensional Lorentzian Damek-Ricci Spaces	Restricted Stirling numbers and chromatic polynomial	Algebra of generalized tempered ultradistributions of Roumieu type
14h50-15h10	SADOUN Mohamed	FALI Fatima	FEFAS Syrine	Maamar OULADJ	Djamila BENAUDIA	KESSOURI Ali	BELARBI MANSOUR
	Structure and inference in high-order self-excited multiple thresholds GINAR models	Solving integer indefinite quadratic fractional bilevel programs	Full even k-complete partitions	Template Side-Channel Attacks with Spectral Computation	On a class of nonlocal problems arising in neutron transport theory	Over Mahonian numbers and log-concavity	Biharmonic curves in the 4-dimensional geometry
15h10-15h30	BOUALAM KARIMA	ZERFA Lamia	SADAOUI Boualem	Mekhnache Yassine	Soumia BELARBI	Omar Abdelhak	Touati Mohamed
	Consistency of a geometric-type estimator for tail index under weak dependence	An Efficiency Test for Solutions to the Problem of Optimizing a Function over the Non-Dominated Set	Explicit values at non positive integers of multiple Hurwitz zeta functions	Practical Management of Instrumentation Inventory at3 SONATRACH: (Q, r) and (R, T) Models in an Industrial Context	A P-Laplacian Fractional Multi Point Boundary Value 4 Problem: Existence Of Solutions And Positive Solutions	Solving Outer-Independent Double Roman Domination Problems	Existence and Multiplicity of Solutions for GJMS Operators (k=2 Paneitz-Branson Equations) on Non-Einstein Manifolds
15h30-15h50	HARROUCHE Lyasmine	Thiziri SIFAOU	BEKHTI Yamina	LARBI Sabiha	Abderrazak Nabti	Benatmane Sara	
	Bayesian Loss Robustness of Exponential Models	Solving Sustainable Multi-objective Multi-choice Stochastic Transportation Problem	Influence Maximization Problem on Online Social Networks	Traffic Signal Timing Optimization with Genetic Algorithms: Modeling Techniques and Simulation Results.	Global Stability Analysis of an Age-Structured SEIR Model with Relapse	A New Cryptosystem using Zero Knowledge Proofs	
15h50-16h20	Pause café (Hall de la Fac)					Président:	
Horaire/Atelier	Atelier Prob. Stat: Président: Pr. Amar Aissani	Atelier Optimisation, Président: Pr. Bibi M. O.	Atelier Maths disc. Président: Pr. M. Baiou	Atelier IA/Modélisation: Président: Pr. M. Boualam	Atelier SD/Contrôle/EDP. Président: Pr. A. Sengouga	Pr. Baraiche Aicha	
16h20-16h40	HADDADOU Kamilia	Boulebene Sabrin	Guettai Ghania	ELAROUSHI Mohammed	HADJ ALI Bahia	S e s s i o n P o s t e r	
	Comparison of Discordance Tests and Outlier Filtering Methods based on David and Paulson's Performance Measures	Approximate method for solving the dynamic multi-objective bin packing problem	Some Results for Appell Sequences	Splitting Argumentation Frameworks Based on Monophonic Convexity in Graphs	Modulating function-based fast convergent observer for the Coupled Tanks system.		
16h40-17h00	Kouadria Mohamed	IKHLEF MASSIKA	Ould-Mohamed Ryma	IBEGHOUCHE Aldjia	ALOUANE Sofiane		
	Beta-Polynomial Exponential Model: Properties and Applications	Hybrid Evolutionary Metaheuristic Approach to the . Constrained Multiobjective Portfolio Optimization Problem	Cube polynomial of s-bonacci cubes	Data Modeling using Neural Networks	Backstepping control based on first-order sliding mode extended state observer for nonlinear systems with uncertainties		
17h00-17h20	ALIAT Billel	AMIROU Ahmed	BOUDJELDA Souhaib	SAHABI TOUFIK	HAMOUDI Ahcene		
	The Markov-switching periodic INARCH(q) process: Theory and application to unemployment data	Solving Semi-Infinite Programming by Discretization	Exact method for the bi-objective portfolio selection problem with risk-free asset	Calculation of Weibull parameters and function density simulation in region of Saïda, (Algeria)	Proportional-Integral-Funnel Control for Mass on Car System		
17h20-17h40	Khalfi Abderaouf	Fadila Leslous	Nacima Rosa AIT-AMRANE	Berkane Khelifa	Douali Taous		
	A Buffered transition approach for Nonlinear Stochastic Volatility Modeling	Innovative techniques for solving nonlinear multiplicative polynomial problems	A Novel Bicomplex Number System	Fractional Stochastic Differential Equation Model for Disease Dynamics	Evaluation of Lax-Friedrichs and McCormack Numerical Schemes in Dam Break Simulation Using Saint-Venant Equations		
17h40-18h00	Mediani Mhammed	Slimani Sami	Boumesbah Asma	BERNINE Nassima	KHALILI Zineb		
	Stochastic Analysis of an SEIR Model for Measles with Saturation Recovery Rate and Ornstein-Uhlenbeck Process	A Comparison Between Genetic Algorithm (GA) and Ant Colony Optimization Algorithm (ACO) for Robot Mobile Path Planning	Multiobjective Travel Salesman Problem: An exact approach	Simulation of a Web services discovery and composition system	Existence and stability results for laminated beam with3 Thermo-Visco-Elastic effect and a time varying delay term		

20 octobre 2024

Sessions Parallèles (Ateliers)--MOAD2024

Lieu	Salle TP1	Salle TP2	Salle TP3	Salle TP4	Salle de Conf	Centre réseau	Centre réseau
Horaire/Atelier	Atelier Prob. Stat. Président: Pr. DJABELLAH K.	Atelier Optimisation, Président: Pr. Moussa Larbani	Atelier Maths Discr, Président: Pr. Bouroubi	Atelier IA/Modélisation: Président: Pr. M. Boualam	Atelier SD/Contrôle/EDP. Président: Pr. Fujita Yashima Hisao	CR 1. Président: Pr. A. Debbouche	Atelier CR2. Président: Pr. Y. Askoura
14h30-14h50	Aïcha Bareche	Younsi née Abbaci Leila	Amrouche Saïd	Ahmed Ait ameur	Messikh Chahrazed	Ben alia Sabira	Abdelaidoum Walid
	Ruin probability stability bounds in insurance using a semi-parametric method	Solving the Multi-Objective Stochastic Fractional Integer Programming Problem with Interval-Valued Coefficients	The incomplete Horadam sequence of order three	Modeling Interaction Point Processes Based on Minimum Distance	Decay result of the Timoshenko system with a fractional memory operator,	A nonlocal poisson model for image fusion	The Dimer Model: Analyzing the Connection Between Flips and Cycle transformations
14h50-15h10	MERABET Dalila	Meddahi Meryem	KRIM Fariza	ZEDDAM Loukmame	Fatima DIB	Ameur habib	Ghemit Youstra
	Testing epidemic change in autoregressive process with dependent innovations	A hybrid iterative method for variational inequalities over fixed point sets of multimaps	Sums in the harmonic triangle	Impact of sudden torsional loading on a finite isotropic elastic material	Variational method for delay differential equations	Fractional differential equations on closed sets	Log-concavity of q-Mahonian numbers
15h10-15h30	Bouchafaa Asma	Mohamed EL-Amine BENRABAH	Salah Eddine RIHANE	Nassima BELAGGOUN	Dib Karima	Kimouche Karima	Zaamoune Faiza
	Intercept-only Model under Non-normality	The SPC approach : Application of statistical indicators.	On. b-repdigits as product of consecutive Lucas members	Some Results on q-bi-periodic Fibonacci and Lucas Polynomials with Rogers-Ramanujan Type Identities	Characterization of weak invariance with respect to differential inclusions with time-dependent maximal monotone operators	A time varying BL process: approximation and derivative	A New Multi-spiral Hyperchaotic system Generating by Transformation without Equilibrium points with Hidden Coexisting Attractors
15h30-15h50	Bourouina Massilva	DJEBARA Sabiha	NADJI Mohammed Lamine	BENRABIA Imene	BEDJGUELEL Chabane	DEBBAH Isma	
	Estimation of density and hazard rate functions in the case of three families of asymmetric kernels	Rough Set Approach to Constrained Bimatrix Game	Partitions into parts simultaneously regular and distinct	Bi-periodic Fibonomial Coefficients	Bifurcation analysis and dynamical systems	Smoothing Parameter Selection For A New Regression Estimator For Non-negative Data	
15h50-16h20	Pause café (Hall de la Fac)					Président:	
Horaire/Atelier	Atelier Prob. Stat. Président: Pr. Nabil Zougab	Atelier Optimisation: Président: Pr. Bellahcene F.	Atelier Maths Discr, Président: Pr. Belbachir	Atelier IA/Modélisation. Président: Pr. M. Sbihi	Atelier SD/Contrôle. Président: Pr. Aïssa Aïbeche	Pr. Fazia Rahmoune	
16h20-16h40	AYHAR Chafâa	KHELAIPIA Ouafa	Bazeniar Abdelghafour	Tilbi Djahida	Benzaid Rachid	S e s i o n P o s t e r	
	Numerical solution of Markov renewal equations in continuous time semi Markov process	Solving a bi-objective matroid problem	The generalized r -Stirling numbers of the first kind	The New Extended Rayleigh Distribution: Different Estimation Methods and Applications	Boundary stabilization for a coupled system of wave equations under fractional damping		
16h40-17h00	AUMORASSI Faroudja	CHEBBAH MOHAMMED	Boufelgha Ibrahim	Khemici mohamed	MAKHLOUF Amira		
	On numbers behind finite autoregressive process	New extensions methods for multi-objective stochastic fuzzy global optimization, algorithms (Software) and simulations.	Efficient broadcasts in cycles	Recursive kernel density estimation for positive time series under η -weak dependence	Existence theorem for differential inclusions involving time and state dependent maximal monotone operators with an integral perturbation added to an unbounded set-valued perturbation		
17h00-17h20	SLIMI Farida	SELLAM Idir	BELHADJ Samir	Omar Elfarouk Cherifi	Walid Remili		
	On an analytical method for forecasting the coefficients of an AR(p)	Time optimal control on a coupled tank system	On a special case of the Vasuyunin cotangent sum	Exponential inequality and strong laws for weighted sums of widely dependent random variables and application	Scaled Laguerre collocation method for solving high-order ordinary differential equations on the half-line		
17h20-17h40	Farid AICHE	Adebayo Adeniran	TALEM Djamel	Akermi seif eddine	Allali Mohammed		
	An extension of statistical preference to fuzzy random variables using possibility and necessity.	Optimal control of Cocoa Black pod disease: A multi-pronged approach	A linear algorithm for enumerating all maximal bicliques of a bipartite distance hereditary graph	Predictive Modeling of Brucellosis Outbreaks in Algeria: Comparing SARIMA, NNAR, and Hybrid Models for Accurate Forecasting	Well-posedness and stability results for the Korteweg-de Vries equation in bounded domain.		
17h40-18h00	Elmossaoui hichem		Zaarat Ahlem		Berrighi Fatma		
	Using Marked Point Processes for Computer Experiment Design		Primal-Dual approach to optimizing linear problems		Exponential stability in the context of mild solutions for neutral impulsive functional evolution equations		

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