

Wednesday, 26 november

8:30–9:30		Registration	
9:30–10:00		RAMA13's Opening	
10:00–10:30		Coffee break	
10:30–12:00		Maurice Audin Mathematics Prize Ceremony	
10:30–10:35		M. Bouhicha	DGRSDT, DZ
10:35–10:40		A. Yousfate	Comité Maurice Audin, DZ
10:40–10:45		E. Ghys	Académie des Sciences, FR
10:45–10:50		C. Villani	AJMA, FR
10:50–11:20		H. Zelaci	El Oued, Lauréat Maurice Audin
11:20–11:50		L. M. Tine	Lyon, Lauréat Maurice Audin
12:20–14:00		Lunch	
Chairman		M. Morsli	
14:00–14:45	IS	C. Villani Rennes, FR	Collisions de Boltzmann et information de Fisher
14:45–15:30	IS	B. Maury Paris, FR	Les 101 laplaciens (online)
15:30–16:00		Coffee break	
16:00–16:45	IS	C. Amrouche Pau, FR	The Dirichlet problem for the Laplacian in Lipschitz Domains
16:45–17:30	IS	M. Winkler Paderborn, Ge	Facets of complexity in chemotactic aggregation
		Poster session during Coffee break	

Thursday, 27 november

Chairman		B. Abdellaoui	
8:30–9:15	IS	I. Boussaada Paris, FR	Stabilisation prescrite pour des systèmes de dimension infinie : nouvelles perspectives de fonctions hypergéométriques
9:15–10:00	IS	F. Bedouhene Tizi-Ouzou, DZ	Racines réelles dominantes : un nouveau paradigme pour la stabilisation des systèmes à retard
10:00–10:30		Coffee break, posters : Ouahab, Babaci	
10:30–11:15	IS	G. Geymonat Montpellier, FR	An homogenization result for linearized magnetoelastic composites (online)
11:20–11:40	S1	Tami Abdelkader Oran	H^1 -convergence analysis for elliptic problems on non-convex sectors as the opening angle approaches
11:20–11:40	S2	Sadoun Mohamed Usthb	On nonlinear bivariate Poisson integer-valued GARCH models
11:20–11:40	S3	Slimani Bachir Adrar	A Covitz-Nadler-Type Fixed-Point Theorem in b-Metric Spaces
11:40–12:00	S1	Loumi Amine Chlef	Finite difference techniques for stable solutions of hyperbolic PDEs

11:40-12:00	S2	Boudaa Djamel Tam	Model selection: Comparison between Akaike's information criterion (AIC) and Wilks test
11:40-12:00	S3	Benkamra Zohra Oran	Bayesian Sequential Estimation of a Sum of Exponential Failure Rates
12:00-12:20	S1	Benabbas Imen Usthb	Local well-posedness of the JMGT-Pennes model
12:00-12:20	S2	Baghdad Said Saida	On sequential Pettis-Caputo fractional differential equations with initial conditions
12:00-12:20	S3	Redjel Nadjah Souk-Ahras	The fixed point property for (c)-mappings and unbounded sets
12:30-14:00	Lunch		
Chairman	C. Amrouche		
14:00-14:45	IS	S. Nečasova Prague, CZ	Weak solutions to a full compressible magnetohydrodynamic flow interacting with thermoelastic structure and singular limits
14:45-15:30	IS	K. Lemrabet Boumerdes, DZ	Padé-Like Approximations for Thin Coatings and Thin Inclusions
15:30-16:00	Coffee break, posters : Nisse, Ounane		
16:00-16:45	IS	A. Rhandi Salerno, IT	Maximal L^p inequalities for vector-valued magnetic Schrodinger operators (Online)
16:45-17:05	S1	Kainane Mezadek Mourad Chlef	Some estimates of the solution to the Cauchy problem for semilinear wave models with some damping terms
16:45-17:05	S2	Sifaoui Thiziri Tam	A Stochastic Fractional Multi-Objective Transportation Problem with Artificial Intelligence Approaches
16:45-17:05	S3	Houari Noureddine Tissemsilt	On nontrivial solvability of sixth order BVP via topological and metric approaches
17:05-17:25	S1	Bensayah Abdellah Ouargla	Approximate solutions of some PDEs and IDEs via Artificial Neural Networks (ANNs)
17:05-17:25	S2	Benbakreti soumia SBA	Statistical Sampling and Hyperparameter Optimization via GridSearch and Randomized Search for Network Intrusion Detection Classification
17:05-17:25	S3	Djenaoui Saliha Guelma	Equicontinuous Factors of Cellular Automata: A Sufficient Condition for Non-Existence

Friday, 28 November

09:00-20:00	Excursion to Askrem
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Saturday, 29 november

Chairman	A. Yousfate		
8:30-9:15	IS	E. Ghys Paris, FR	Des courbes de niveau à la théorie de Morse — Une perspective historique (online)
9:15-10:00	IS	M. Hieber Darmstadt, GE	Analysis of Liquid Crystal Flows
10:00-10:30	Coffee break, posters : Benmeftah, Foukroune		
10:30-11:15	IS	K. Ammari Monastir, TN	The Graph Geometric Control Condition
11:15-11:35	S1	Limam Abdelaziz Tam	Coupled Type III Thermo-Viscoelastic Model with Acoustic Boundary Feedback and Distributed Temporal Delay
11:15-11:35	S2	Basti Bilal Msila	Applying Mathematical Concepts to Understand Epidemic Spread
11:35-11:55	S1	Chellaoua Houria Ghardaia	Exponential Stability in Second-Order Evolution Equations with Time-Dependent Operators, Linear Damping, and Variable Delay
11:35-11:55	S2	Djelladj Wafaa Algiers	Asymptotics for a non-parametric kernel-type conditional quantile estimator for dependent data
12:30-14:00	Lunch		
Chairman	L. Rahmani		
14:00-14:45	IS	R. Lewandowski Rennes, FR	Renormalized solutions for the turbulent kinetic energy equation
14:45-15:30	IS	H. Fujita-Yashima Algiers, DZ	On the relation between transport-diffusion equation and transport equation, in particular in the half-space with entering transport
15:30-16:00	Coffee break, posters : Amroune		
16:00-16:45	IS	A. Rougirel Poitiers, FR	An overview of a unified theory for fractional and entire derivatives
16:45-17:05	S1	Azouz Salima Tam	Composite Asymptotic Expansion for Some Anisotropic Singular Perturbation Problem
16:45-17:05	S2	Tahar Mezzedek Mohamed Chlef	Algorithms to compute square roots of some special Toeplitz matrices

Sunday, 30 november

Chairman	A.C. Guidoum		
8:30-9:15	IS	F. Gazzola Milano, IT	On the planar Taylor-Couette system and related exterior problems (online)
9:15-10:00	IS	M.-A. Jendoubi Carthage, TN	Convergence towards equilibrium for some continuous/discrete dynamical systems.
10:00-10:30	Coffee break		
10:30-11:15	IS	S.-M. Kaber Paris, FR	Computation of the matrix exponential and applications
11:20-11:40	S1	Chahma Yousouf CN	Existence of sign-changing solution for Kirchhoff-type problems involving p-Laplacian (online)
11:20-11:40	S2	Beldjerd Djamila Oran	On the behaviour of solutions to a kind of third order neutral matrix differential equation
11:20-11:40	S3	Laadjel Amirouche Tebessa	Multivalued Krasnosel'skii-type compression fixed point result with an application to Nash equilibrium
11:40-12:00	S1	Berhail Amel Guelma	On the Approximate Controllability for a class of Nonlinear fractional system with Nonlocal Condition
11:40-12:00	S2	Meddahi Meryem Chlef	Approximations de points fixes via la distance de Bregman
11:40-12:00	S3	Keddi Abdelmalik Tam	Asymptotic Properties of Kernel Estimators for Time-Varying Coefficients in Parabolic Stochastic PDEs Driven by Sub-Fractional Noise
12:00-12:20	S1	Gherbi Abdellah Oran	Some notes on the Cauchy problem involving multivalued linear operators
12:00-12:20	S2	Bouhadjera Hakima Annaba	On Occasionally Weakly Biased Maps of Type (A) in d-Metric Spaces
12:00-12:20	S3	Mezabia Mohammed El Hadi Ouargla	A mathematical model for Marburg virus transmission using the Caputo derivative
12:30-14:00	Lunch		
Chairman	A. Ouahab		
14:00-14:45	IS	P. Lewintan Essen, GE	Well-posedness of the R13 equations
14:45-15:30	IS	M. Benchohra SBA, DZ	Existence and Controllability for Semilinear Integro-differential Equations with Delay
15:30-16:00	Coffee break		
16:00-16:45	IS	A. Youkana Batna, DZ	Sur un Système de Réaction-Diffusion en Epidémiologie
12:00-12:20	S1	Khassani Assia CN	Unique local weak solution for the homogeneous ideal Magneto hydrodynamics system using Elsasser variables
	Conference's closing		