



UNIVERSITÉ 20 AOUT 1955 SKIKDA



International Conference on Recent Advances In Pure and Applied Mathematics, (SICRAPAM'2025)

PROGRAMME

November 26-27, 2025
SALLE DES CONFERENCES 600

**International Conference on Recent Advances In Pure and Applied Mathematics,
26 and 27 November 2025, Skikda, Algeria**

Programme du Premier Jour : Mercredi 26 novembre 2025

Lieu	Heure	Activité			Nom de l'Intervenant	Titre de la Présentation	
Salle de Conférence (600 places)	08h00 - 09h00	Inscription					
Salle de Conférence (600 places)	09h00 - 09h30	Ouverture Officielle					
Salle de Conférence (600 places)	09h30 - 10h30	Session 1 : Plénière	Pr.SISSAOUI HOCINE	9h30-10h00	REMITA MOHAMED RIAD	ENSIA. Alger	Modélisation Stochastique pour la finance
				10h00-10h30	MIMOUNI Djamel	Univ. Constantine 1	الكون المرمز: الدور التأسيسي للرياضيات في علم الكونيات
	10h30 - 11h00	Pause-Café & Session Posters (1) Voir la page 6					
Salles 1,2,3,4,5	11h00 - 12h30	Session 2 : Ateliers	Salle 01 Pr LAKHAL HAKIM	11h00-11h15	ABDERRAHIM GUERF	University of Brothers Mentouri Constantine 1	THE EXISTENCE AND UNIQUENESS OF MILD NONNEGATIVE SOLUTIONS FOR FRACTIONAL ITERATIVE DIFFERENTIAL EQUATIONS
				11h15-11h30	AMEL BERHAIL	University of May 8th 1945, Guelma	EXISTENCE AND CONTROLLABILITY ANALYSIS FOR CAPUTO NONLINEAR FRACTIONAL SYSTEMS
				11h30-11h45	BENDIB EL OUAHMA	Université 20 août 1955-Skikda	ON THE EXISTENCE OF CENTERS OF 3-DIMENSIONAL POLYNOMIAL DIFFERENTIAL SYSTEMS
				11h45-12h00	Selmani wissame	University 20 August 1955, Skikda	iterative method for a generalized fractional cauchy problem
				12h00-12 h15	ABDELMOUNAIM HAMD	University of Ferhat Abbas Setif 01	EXISTENCE UNIQUENESS OF OPTIMAL CONTROL FOR ALMEIDA-CAPUTO FRACTIONAL BILINEAR SYSTEM
				12h15-12h30	Assma Leulmi	University of Setif 1	A more efficient conjugate gradient algorithm achived through a novel line-search approach
			Salle 02 Prof. Ammar Guesmia	11h00-11h15	Aicha Bouaka	University Dr. Moulay Tahar, Saida, Algeria.	THE BALAYAGE OF CONTINUOUS SEMIMARTINGALES
				11h15-11h30	NASSIMA ANANE	Ferhat Abbas University, Setif1	A CONJUGATE GRADIENT METHOD FOR SOLVING THE ABSOLUTE VALUE MATRIX EQUATIONS
				11h30-11h45	Romaissa Mellal	8th May 1945 University, Guelma	A New Hybrid Conjugate Gradient method with Global Convergence
				11h45-12h00	KHALDI MERZAKA	Ferhat Abbas University Sétif 1	NEWTON-BASED MATRIX SPLITTING METHOD FOR GENERALIZED ABSOLUTE VALUE EQUATIONS
				12h00-12h15	Kibaili Zahira	University of Setif 1	An exterior penalty method to solve the non linear variational inequality problem
				12h15-12h30	REBIHA SAFFIDINE	Ferhat Abbas University Sétif 1	BILINEAR SUB-RIEMANNAIN DISTANCE IN INFINITE DIMENTIONAL MANIFOLD
			Salle 03 Prof. Rabeh Khemis	11h00-11h15	FATIHA KORICHI	University of Biskra	POINTWISE SECOND-ORDER MAXIMUM PRINCIPLE FOR OPTIMAL STOCHASTIC CONTROLS OF GENERAL MCKEAN-VLASOV SYSTEMS
				11h15-11h30	WAFIYA BOUKROUK	University of Jijel	A class of evolution problems subject to state constraints
				11h30-11h45	fek FAIZI	University of Jijel	AN INVERSE PROBLEM OF RECOVERING POTENTIAL AND SOURCE TERMS IN 2D TIME-FRACTIONAL HEAT TRANSFER
				11h45-12h00	GACEM ILHEM	University Badji Mokhtar Annaba	STABILITY BEHAVIOR OF A FRACTIONAL SEIR EPIDEMIC MODEL WITH MORE GENERAL INCIDENCE RATE
				12 h00-12 h15	SAFIA LEULMI	Frrres Mentouri University, Constantine 1	ASYMPTOTIC PROPRIETIES OF A RECURSIVE KERNEL ESTIMATOR OF THE DENSITY WITH COMPLETE INDEPENDENT DATA
			Salle C1 eco	11h00-11h15	Azzedine Ramoul	Mouloud Mammeri University, Tizi Ouzou	The Axiomatic Method and the Fertility of Mathematical Science (المنهج الاكسيوماتيكي وخصوصية العلم الرياضي)
				11h15-11h30	HANANE	Badji Mokhtar Annaba	Theoretical and numerical results of the quorum sensing model in a bacterial biofilm with the heat

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			Dr.Karima Kimouche	11h30-11h45	LAKIKZA MARWA KHEMIS	University University of Salah BOUBNIDER-Constantine 3	equation coupling and temperature-dependent parameters EXISTENCE AND STABILITY RESULTS OF AN ERYTHROPOIESIS MODEL WITH ITERATIVE TERMS
				11h45-12h00	Mohamed Benrabia	Mohamed Cherif Messaadia University, Souk Ahras	Skewed Loai Distribution with Applications to COVID-19 and Engineering Data
				12h00-12 h15	Madiha Tour	University Mohamed Khaider Biskra	A new nonparametric estimation of copula models based on the transformation-kernel method
				12h15-12h30	KENZA ASSIA MEZHOUD	Freres Mentouri University, Constantine 1	NONPARAMETRIC FORECASTING METHODS APPLIED TO LINEAR TIME SERIES
			Salle C2 eco Dr.BOUCEENNA Ahcen	11h00-11h15	CHAKAR RANDA	University Larbi Ben M'Hidi, Oum El Bouaghi	NOUVELLE APPROCHE DES F ET F*-CONTRACTIONS FONDEE SUR LA FONCTION ρ
				11h15-11h30	KELTHOUM LINA REDOUANE	Constantine 1 University, Freres Mentouri	An enhanced cubic b-spline method for non-classical nonlinear parabolic problems
	13h00 -13h45				Déjeuner		
Amphithéâtre L	13h45 - 14h15	Session 3 : Plénière	Dr. BOUADI ABDLKADER	13h45 - 14h15	Ahmed Bchatnia	Univ. Manar Tunis	Energy Decay Analysis in Coupled Systems with Fractional Derivative Damping: A Numerical and PINN Approach
Salles 01,02,03, C1 eco	14h15- 15h30	Session 4 : Ateliers	Salle 01 Dr. HANNECHE amel	14h15-14h30	SABAH BAIBECHE	Ecole Nationale Supérieure De Biotechnologie Constantine 03	WELL-POSEDNESS AND ENERGY DECAY FOR BRESSE SYSTEM WITH MICROTEMPERATURES EFFECTS IN THE PRESENCE OF DELAY
				14h30-14h45	Grar Hassina	University of Setif 1	A new projection method for generalized variational inequalities problem
				14h45-15h00	MIMIA BENHADRI	University 20 August 1955, Skikda	POSITIVE PERIODIC SOLUTION OF ITERATIVE FUNCTIONAL DIFFERENTIAL EQUATIONS WITH IMPULSIVE EFFECTS
				15h00-15h15	Zineb KHALILI	Amar TELIDJI University, Laghouat	Stability result for a Thermo-Visco-Elastic Laminated Beam with a time-varying delay term
			Salle 02 Dr. Amel Boulfoul	14h15-14h30	NABIL SELLAMI	University of May 8th 1945, Guelma	LIMIT CYCLES FOR A CLASS OF THIRD-ORDER AUTONOMOUS DIFFERENTIAL EQUATIONS
				14h30-14h45	Selma Ellaggoune	Ecole Normale Supérieure Assia Djebbar, Constantine	An Analytical Study on the Number of Limit Cycles in Liénard-like Quadratic Systems
				14h45-15h00	NASSIMA DEBZ	University 20 August 1955, Skikda	A STUDY OF THE NUMBER OF LIMIT CYCLES IN A PLANAR POLYNOMIAL DIFFERENTIAL SYSTEMS
				15h00-15h15	Arafa Djihene	University- Constantine1	NUMERICAL SOLUTION OF THE LIE-SYMMETRY-REDUCED CAPUTO TIME-FRACTIONAL K(1 , 1) MODEL VIA A FRACTIONAL OPERATIONAL MATRIX COLLOCATION METHOD
			Salle 03 Dr TILBI DJAHIDA	14h15-14h30	EZZEBSA Abdelali	8 Mai 1945-Guelma	Dependent Insurance Risks
				14h30-14h45	Karima Kimouche	University 20 August 1955, Skikda	Statistical analysis of a spatio-temporal GARCH model
				14h45-15h00	Chima HEDADJI	USTHB, Bab Ezzouar, Algiers	Statistical Inference of Traffic Intensity in M/M/1 Retrial Queues with Customer Interruptions
				15h00-15h15	Leulmi Sarra	Freres Mentouri University, Constantine 1	ADVANCES IN RELATIVE REGRESSION ESTIMATOR FOR WEAKLY DEPENDENT DATA
			Salle C1 eco Dr Nassima Nasri	15h15-15h30	Chaabane Benatmane	University 20 August 1955, Skikda	The Cusp Distribution: A Geometric Approach to Modeling Singular Probability Densities
				14h15-14h30	BENGUESMIA AMAL	Oum el Bouaghi University	ON THE INVERSE LINEAR PROBLEM FOR A PARABOLIC DIRICHLET EQUATION INVOLVING AN UNKNOWN COEFFICIENT
				14h30-14h45	Souhila Boudjema	University of 20 August 55, Skikda	Bounded Solutions for Semilinear Diffrential equations
				14h45-15h00	GUEBBAI HAMZA	8 May 1945 University, Guelma	ETUDE ANALYTIQUE ET NUMERIQUE D'UNE CLASSE D'EQUATIONS INTEGRALES DE VOLTERRA DOUBLEMENT NON LINEAIRES
				15h00-15h15	LOUBNA SETTARA	University of Skikda	AN APPROXIMATE SOLUTION OF AN INVERSE SOURCE PROBLEM FOR THE TIME-FRACTIONAL DIFFUSION EQUATION
				15h15-15h30	MERAMRIA Meissoun	University of Badji Mokhtar-Annaba	Etude sur la stabilité pratique des systèmes perturbés aux Echelles de temps
	15h30 - 15h45				Pause Café & Session Posters (2) Voir la page 7		

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Programme du Deuxième Jour : Jeudi 27 novembre 2025

Lieu	Heure	Activité					
Salle de Conférence (600 places)	08h00 - 09h00	Inscription					
Salle de Conférence (600 places)	09h00 - 10h00	Session 1 : Plénière	Dr. Lagraf Samira	09h00-09h30	BOUZIANI NACEUR	CRAG. Alger	Ice heat capacity : decoding the molecular dance of ice via physics informed neural networks
				9h30-10h00	SALAH BOULARES	Univ. Qassim KSA.	Proprertes of asynchronous algorithms of the finite elements methods for an evolutionary implicit 2-sided obstacle problem
Salles 1,2,3, C1 eco, C1 eco	10h00 - 11h15	Session 2: Ateliers	Salle 01 Dr A. Bouakkaz	10h00-10h15	AFAF REZIG	University Akli Mohand Oulhadj of Bouira	WELL-POSEDNESS AND GENERAL DECAY RESULTS FOR A VISCOELASTIC TIMOSHENKO BEAM.
				10h15-10h30	MOHAMED BOUGUERROUMI	University Akli Mohand Oulhadj of Bouira	GENERAL STABILIZATION FOR THE FULL VON KARMAN BEAM
				10h30-10h45	MOKHTARI HANIFA	Mouloud Mammeri University of Tizi-Ouzou	THIN-LAYER REINFORCEMENT WITH VARIABLE THICKNESS IN KIRCHHOFF- LOVE PLATES: A MODELING STUDY
				10h45-11h00	FEKRACHE IBTISSAM	Higher Normal School of Technological Education of Skikda	GLOBAL STABILITY ANALYSIS FOR A NONLINEAR POROUS-ELASTIC MODEL WITH INFINITE MEMORY EFFECTS
				11h00-11h15	Djaafer Mezhoud	National Polytechnic School of Constantine	LOSSY INDUCTOR FRACTIONAL DIFFERENTIAL EQUATION MODEL.
			Salle 02 Dr Leulmi Soumia	10h00-10h15	OUSSAMA MELKEMI	Higher National School of Renewable Energies, Batna	WELL POSEDNESS FOR A FLUID MODEL
				10h15-10h30	Sif eddine Belkadi	University- Constantine1	On the Blow-up Phenomenon for Nonlinear Variants of the Heat Equation
				10h30-10h45	AMEL BOUHAFNA	University of Batna 2	ON THE SPECTRAL RADIUS AND (s, t) -ALUTHGE TRANSFORMATIONS
				10h45-11h00	MOHAMED FERHAOU	University of Ibn Khalidou, Tiaret	AN APPROACH FOR SOLVING SEMIDEFINITE VARIATIONAL INEQUALITY VIA SEMIDEFINITE NONLINEAR COMPLEMENTARITY PROBLEMS
				11h00-11h15	AMEL BOULFOUL	University 20 August 1955, Skikda	ZERO-HOPF BIFURCATION IN A MODIFIED HYPERCHAOTIC CHEN SYSTEM
			Salle 03 Dr Chaabane Benatmane	10h00-10h15	BOUREZAZ HOUDA	National Polytechnic Institute of Constantine	A HYBRID NEURAL NETWORK AND LEAST SQUARES APPROACH TO REGRESSION WITH CENSORED OBSERVATIONS
				10h15-10h30	DOUAS RYMA	Higher School of Accounting and Finance, Constantine	SIMULATION-BASED ROBUST WAVELET NEURAL NETWORK FRAMEWORK FOR NONPARAMETRIC REGRESSION UNDER MIXED CENSORING
				10h30-10h45	Leulmi Farid	University of Setif1	A Robust Technique for computing Step Sizes in Optimization AlgorithmsF
				10h45-11h00	REZIG HAMZA	Ecole Nationale Supérieure d'Informatique, Algiers	HEURISTIC OPTIMIZATION OF ATTENTION MECHANISMS VIA MULTI-OBJECTIVE EVOLUTIONARY SEARCH
				11h00-11h15	Chougui Rachid	University of Setif1	Existence and uniqueness for a dynamic thermo-Electro-Viscoelastic Contact Problem with Adhesion and Damage
			Salle C1 eco Dr Gennam Karima	10h00-10h15	HIBA AIACHI	Batna 2 University	ESTIMATION FOR THE TRUNCATED GEOMETRIC (M/M/1/K) MODEL UNDER PROGRESSIVE HYBRID CENSORING WITH ROBUST BAYESIAN EXTENSIONS
				10h15-10h30	KHEIREDDINE BOUDEHANE	USTHB, El-Alia, Bab Ezzouar, Algiers	ON AN NON-MARKOVIAN QUEUE WITH TWO CUSTOMER TYPES AND AN UNRELIABLE SERVER
				10h30-10h45	MEGRAOUI FATIMA ZOHRA	Ecole supérieure de comptabilité et de finances de Constantine	Estimating the Reliability of Dependent Consecutive k-out-of-n:G Systems Using Copulas
				10h45-11h00	Wissam Ghoul	Univ. 8 May 1945 Guelma, Algeria	Analysis of Strong Solutions to Stochastic Differential Equations with General Coefficients
				11h00-11h15	AHLEM MESLOUB	University of Chahid Echahid HAMA LAKHDAR EL-OUED	EXISTENCE AND UNIQUENESS AND FOR FOURTH-ORDER EQUATION OF THE MOORE-GIBSON-THOMPS ON TYPE WITH INTEGRAL CONDITION

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			Salle C2 eco Dr. Lamine Bouzattouta	10h00-10h15	KHENNICHE Ghania	University 20 August 1955	Study of The Energetic Behavior of a Thermal Memory Steel Subjected to Delayed Heat Exchanges in The Mushy Transition Zone During Solidification.
				10h15-10h30	Hebhoub Fahima	University 20 Aout 55 Skikda	Exponential stabilization of swelling porous systems with thermoelastic damping and delay term
				10h30-10h45	ALI SLIMANI	University of Abdelhamid Mehri Constantine 2	NUMERICAL SOLUTIONS OF THE FRACTIONAL CHEMOTAXIS MODEL USING THE HOMOTOPY PERTURBATION METHOD
				10h45-11h00	YASSINE BEDRANI	University 20 August 1955, Skikda	FINITE ELEMENT METHOD (FEM) APPLICATION TO NONLOCAL PARABOLIC-ELLIPTIC EQUATIONS
				11h00-11h15	LALLOUCHE Abdallah	University 20 August 1955, Skikda	Stochastic Modeling and dynamical analysis of some systems species with exponents
	11h15 - 11h45	Pause-Café & Session Posters (3) Voir la page 8					
Salles 1,2,3,c1	11h45 - 13h00	Session 3 : Ateliers	Salle 01 Dr. Kamel Slimani	11h45-12h00	LATRECHE ABDELKRIM	University 20 August 1955	CATEGORY OF ORDINARY SINGLE VALUED NEUTROSOPHIC TOPOLOGICAL SPACES
				12h00-12h15	Abdelkader BOUADI	University 20 August 1955, Skikda	variational approach to almost periodic and almost automorphic types solutions for Damped Euler-Lagrange Equation
				12h15-12h30	Ait Kaki Leila	Ecole Normale Supérieure Assia Djebar, Constantine	A Variational Approach to Unilateral Contact Problems with Riemann Fractional Constitutive Law
				12h30-12h45	Saci Fateh	University 20 August 1955, Skikda	On the Solution of nonlocal fractional diffusion models in fluid dynamics
				12h45-13h00	Manel Zermani	Jijel University,	Convolution Identities for Classical Numbers via Even–Odd Symmetric Functions
			Salle 02 Dr. Ghania Khenniche	11h45-12h00	BENCHEIKH ALI	USTHB, Algiers	EXACT ALGORITHM FOR OPTIMIZING AN INDEFINITE QUADRATIC UTILITY FUNCTION OVER AN EFFICIENT SET
				12h00-12h15	Lasmar Abdelkader	ENSC Constantine	FRACTURES DRIVEN FLOW IN PORO-VISCOELASTIC MEDIA
				12h15-12h30	MOHAMED ELADEL YAHIAOUI	University M'hamed Bougara	EXISTENCE RESULTS FOR A ONE-DIMENSIONAL ELLIPTIC FREE BOUNDARY PROBLEM
				12h30-12h45	HADIL KHENISSA	Teacher Education college of constantine	A RATIONAL SPECTRAL METHOD FOR SOLVING EVOLUTION PROBLEMS ON UNBOUNDED DOMAINS
				12h45-13h00	ZAKRIA Hamdi	Université 20 août 1955- Skikda	On a Semilinear Fractional Diffusion Equation with Caputo Derivative and Special Boundary Conditions
			Salle 03 Dr. Chafia Karek	11h45-12h00	ALI REZAIGUIA	University of Souk Ahras	TOPOLOGICAL PROPERTIES OF THE SOLUTIONS SET FOR A SECOND ORDER DIFFERENTIAL INCLUSION WITH NONLOCAL BOUNDARY CONDITIONS
				12h00-12h15	Leulmi Soumaya	University 20 August 1955, Skikda	A solution strategy for linear optimization based on an interior penalty method
				12h15-12h30	Tabouche Nora	University of May 8th 1945, Guelma	Existence and stability analysis of solution for fractional Snap problem
				12h30-12h45	NASSIMA NASRI	University 20 August 1955, Skikda, Algeria	A STUDY OF THE NUMBER OF LIMIT CYCLES IN A PLANAR POLYNOMIAL DIFFERENTIAL SYSTEMS
			Salle C1 eco Dr. LATRECHE ABDELKRIM	12h00-12h15	ISLAH ATMANIA	University of Chahid Cheikh Larbi Tbessi	EXISTENCE, UNIQUENESS AND STABILITY RESULT FOR A BRESSE-TIMOSHENKO SYSTEM
				12h15-12h30	AOUICHA LAMIA	University of Mentouri Constantine 1,	GENERAL CASE ANALYSIS OF FUNCTIONAL ESTIMATION WITH INCOMPLETE DATA
				12h30-12h45	BOUANIMBA LINDA	University 20 August 1955, Skikda, Algeria.	On the application of intuitionistic logic
				12h45-13h00	BOULEZAZ CHAIMA	University of Constantine 1	SYNCHRONIZE TWO CHAOTIC SYSTEMS USING NONLINEAR FEEDBACK CONTROL METHOD
Amphithéâtre L	13h10- 13h30	CLOTURE					
	13h30-	Déjeuner					

Programme session Posters (1)

Mercredi 26/11/2025

10h:30-11h:00

1	MERAMRIA Meissoun	Université Badji Mokhtar-Annaba	Etude sur la stabilité pratique des systèmes perturbés aux échelles de temps
2	DJEKRIF soumaya	University-Annaba	Optimization of Fracture Geometry for Improved Shale Gas Recovery: Efficiency and Robustness Conjugate Gradient Type Algorithms
3	FADIA ZOUAD	University of 20 August 1955, Skikda, Algeria	A NEW 4D HYPERCHAOTIC SYSTEM DERIVED FROM A CLASSICAL CHAOTIC MODEL: ANALYSIS AND ELECTRONIC IMPLEMENTATION
4	MANEL MESSADI	Jijel University,	MEDICAL IMAGE ENCRYPTION AND WATERMARKING USING A MEMRISTOR-BASED CHAOTIC SYSTEM AND WAVELET TRANSFORM
5	MAROUA HAKIM	University Ferhat Abbas, Setif, Algeria.	COMPARISON BETWEEN THREE METAHEURISTICS TO SOLVE A MULTI-INDEX FIXED CHARGE TRANSPORTATION PROBLEM
6	KHEIRA SENOUCI	Universite Djillali Liabes,SBA, Algerie	ON THE LOCAL LINEAR ESTIMATION OF THE ROBUST REGRESSION FOR A CENSORED RESPONSE AND FUNCTIONAL DATA
7	KAMACHE FARES	University of Algiers1 Benyoucef Benkhedda	ON THE EXISTENCE OF SOLUTIONS TO SINGULAR DOUBLE PHASE QUASILINEAR EQUATIONS WITH THE -HILFERFRACTIONAL OPERATOR
8	SELMA BOUCETTA	Mentouri Brother's University Constantine 1	APPROXIMATE SOLUTION OF A HYPERBOLIC FRACTIONAL DIFFERENTIAL EQUATION
9	Boulechar Selma	University of Souk Ahras , Souk Ahras, Algeria.	Exponential decay for a Bresse system with two dissipation mechanisms
10	Ahlem Nemer	University of Batna 2, Algeria	Numerical approaches resulting from the application of a product integration method
11	AICHA MALLEM	University 20 August 1955, Skikda, Algeria.	REVIEW OF METAHEURISTIC ALGORITHMS FOR SOLVING POWER SYSTEM OPTIMIZATION PROBLEMS
12	Amer Mesbahi	Souk Ahras University, Algeria	On the Existence of Periodic Solutions of a Degenerate Parabolic Reaction-Diffusion Model
13	AMIRA HAMDI	University of Souk Ahras , Souk Ahras, Algeria.	NEW ITERATIVE CONJUGATE GRADIENT METHOD FOR NONLINEAR UNCONSTRAINED OPTIMIZATION
14	AMIRA RAHAI	University of Souk Ahras, Algeria.	ON THE EXISTENCE AND UNIQUENESS OF SOLUTIONS FOR A TIME-FRACTIONAL STOCHASTIC CAHN-HILLIARD EQUATION WITH FRACTIONAL NOISE
15	BOUSTILA RANYA	University Constantine 1	ASYMPTOTIC NORMALITY OF A KERNEL REGRESSION ESTIMATOR FOR RIGHT-CENSORED DATA
16	Ahcen Boucena	University of 20 August 1955 Skikda	Study of secure data transmission based on chaotic systems of fractional order
17	YACINE BRIEDJ	USTHB,Bab Ezzouar	INTEGER POINTS OF A RANK 2 ELLIPTIC CURVE, INDUCED BY A DIOPHANTINE SET
18	YAHIAOUI MOUNA	Ecole supérieure en Sciences et Technologies de l'Informatique et du Numérique, Bejaia, Algerie	LIMIT CYCLES OF A POLYNOMIAL SYSTEM OF DEGREE N
19	Selma Hadjer Djeflal	University of Badji Mokhtar Annaba, Algeria.	Existence and non-existence of positive solutions for Robin (p, q)-Laplace equation with two parameters
20	ZOUHIR IDRIS BOUKER	OEB University, Algeria.	SOME FIXED POINT RESULTS WITHIN THE CONTEXT OF COMPLEX-VALUED METRIC SPACES

Programme session Posters (2)

Mercredi 26/11/2025

15 :40-16 :00

1	Amel Benzaid	University 20 August 1955, Skikda, Algeria.	Intelligent EEG Analysis for Epilepsy Diagnosis: A review
2	Amel Hannache	University 20 August 1955, Skikda, Algeria	Etudes de quelques equation d'ordre fractionnaire
3	Amina Guerrouma	USTHB,Bab Ezzouar	A Hybridized Memetic Algorithm For Solving The Multi-Objective Stochastic Multiple Knapsack Problem nonnegative solutions for fractional iterative differential equations
4	BENDIB EL OUAHMA	University 20 August 1955, Skikda, Algeria	ON THE EXISTENCE OF CENTERS OF 3-DIMENSIONAL POLYNOMIAL DIFFERENTIAL SYSTEMS
5	FAIROUZ SOUILAH	University 20 August 1955, Skikda, Algeria	RENORMALIZED SOLUTION FOR NONLINEAR PARABOLIC SYSTEM WITH VARIABLE EXPONENTS AND SINGULAR COEFFICIENT AND WITH DIFFUSE MEASURE DATA
6	Mounira CHAOUCH	University of Badji Mokhtar, ANNABA	IMPULSIVE CAUCHY PROBLEMS WITH TIME-DEPENDENT OPERATORS
7	HAMIDATOU ELHACHMI	University of Tlemcen, Algeria	EXPLORING LONG-TERM DYNAMICS: ATTRACTORS IN FRACTIONAL PARTIAL DIFFERENTIAL EQUATIONS
8	BEKAKRA YOUSOUF	University Abbes L'aghrou, Khenchela, Algeria.	AN IMPLICIT FINITE DIFFERENCE SCHEME FOR THE NONLINEAR TIME-FRACTIONAL FISHER EQUATION
9	Karima Ghennam	University 20 August 1955, Skikda, Algeria	Stability results for Laminated Beams Subject to Multiple Damping Types
10	Khaled Cheikh	University 20 August 1955, Skikda, Algeria	First Principles Investigation of the Structural, Elastic, Electronic and Vibrational Properties of Vanadium-based VX ₃
11	MOUMEN BEKKOUCHE AMAR	University 20 August 1955, Skikda, Algeria	AN INTERIOR-POINT METHOD FOR LINEAR PROGRAMMING BASED ON A NEW DISPLACEMENT STEP
12	SOFRANI MOHAMMED	University Ibn khaldoun Tiaret, Algeria.	GENERALIZATION OF SOME INTEGRAL INEQUALITIES FOR RIEMANN-LIOUVILLE OPERATOR
13	SELMA NOUAOURA	University 20 August 1955, Skikda, Algeria	ANALYSIS OF A STATIC CONTACT PROBLEM FOR PIEZOELECTRIC MATERIALS
14	SARA NOUAOURA	University 20 August 1955, Skikda, Algeria	Sensitivity of a biological parameter on the operating diagrams for three-tiered model
15	Wahiba Metiri	University 20 August 1955, Skikda, Algeria	Electronic and Optical Properties of Hexagonal Iron Carbides Fe ₃ C and Fe ₇ C ₃ : A DFT Study
16	BOUAFIA SALH EDDINE	University 20 August 1955, Skikda, Algeria	EXPONENTIAL STABILITY OF SWELLING POROUS WITH GURTIN-PIPKIN THERMOELASTICITY WITH MEMORY AND DELAY TERMS
17	ABOUATIA .H	University 20 August 1955, Skikda, Algeria.	EXISTENCE AND STABILITY FOR A SYSTEM OF NONLINEAR DAMPED WAVE EQUATIONS
18	Zibouche wassila	University 20 August 1955, Skikda, Algeria	Second order differential operator with regular integral boundary condition and transmission conditions

Programme session Posters (3)

Jeudi 27/11/2025

11:30-11:50

1	Adjmi Salim	University of El Taref	A Comparative Framework for Euler-Bernoulli and Timoshenko Beam Theories: Integrating Analytical and Computational Methods
2	Yassine Bouattia	University of Guelma,	Bifurcation de Hopf dans une classe de points singuliers d'ordre de multiplicité $2n-1$
3	AZRA SOUAD		GROUPS WITH ALL -(HYPERCENTRAL-BY-FINITE) SUBGROUPS
4	Barrouk Bachir	Souk Ahras University	A new conjugate gradient hybridization technique known as CGHBM
5	BILLEL GHERAIBIA	University of Oum El-Bouaghi	DECAY RESULT OF SOLUTION FOR FOURTH ORDER EQUATION WITH LOCALIZED NONLINEAR DAMPING TERM
6	BOULHAM FAIZA	University freres Mentouri Constantine 1	ON A MODIFIED REGULARIZATION METHOD FOR INVERSE PARABOLIC PROBLEMS INVOLVING NONHOMOGENEOUS DIFFERENTIAL OPERATORS
7	CHENIGUER SARA	University Badji mokhtar Annaba,	PAINLEVE EQUATION AND ORTHOGONAL POLYNOMIALS
8	Djahida Tilbi	University of 20 August 1955, Skikda, Algeria	A Study of the Extended Gamma-Rayleigh Distribution: Parameter Estimation and Real Data Applications
9	FIROUZ BELEMECHRI	MOHAMED EL BACHIR EL IBRAHIMI UNIVERSITY	A SYSTEMATIC APPROACH TO EXACT SOLUTIONS OF NONLINEAR WAVE EQUATIONS VIA THE EXTENDED FAN SUB-EQUATION METHOD
10	Hamza Medjekal	National Higher School of Technology and Engineering, Annaba, ALGERIA	On the existence and uniqueness of solutions for a ψ -Caputo fractional boundary value problem with fractional boundary conditions
11	MERIEK KEDDALI	University Badji Mokhtar Annaba	BAYESIAN ESTIMATION OF NEW ONE PARAMETER FAMILY
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22	Ismail Krim	Ibn-Khaldoun University	Existence and multiplicity of positive solutions for nonlinear caputo fractional differential equations with integral boundary conditions

