RDOPDE 22 PROGRAM
THIS PROGRAM IS IN LOCAL (ALGERIAN) TIME

Sunday 22/05/2022	
08h30-09h00	**Opening Ceremony**
Chairman : Prof. **Mokhtar KIRANE**	
09h00-10h00	**Nasser-Eddine TATAR,** From integer-order PDEs to fractional-order PDEs, **King Fahd University of Petroleum and Minerals, Saudi Arabia**
10h00-10h25	**Mohammed DERHAB,** University Abou-Bekr Belkaid Tlemcen, "Existence and uniqueness of solutions of a terminal value problem for fractional-order differential equations with advanced arguments"
10h25-10h50	**Moussa HAOUES,** Souk Ahras University, "Existence, uniqueness and monotonicity of positive solutions for hybrid fractional integro-differential equations"
Break	
11h20-11h45	**Soumia SAIDI,** Mohammed Seddik Ben Yahia University, Jijel, "On Caputo fractional differential equation with an evolution problem by the subdifferential operator"
11h45-12h10	**Naziha BELMAHI,** University of sciences and technologiy Mohammed Boudiaf, Oran, "Stability and Hopf bifurcation of glycolysis model involving Caputo fractional derivative"
12h10-12h35	**Sara LITIMEIN,** Djillali Liabes University of Sidi Bel-Abbès "Global mild solution for fractional integro-differential equations with state-dependent nonlocal conditions"
Break	
Chairman : Prof. **Nasser-Eddine TATAR**	
14h00-15h00	**Mokhtar KIRANE,** A survey of useful inequalities in fractional calculus, **University of La Rochelle, La Rochelle, France**
15h00-15h25	**Abdellatif GHENDIR AOUN,** Hamma Lakhdar University, El-Oued, "Positives solutions for a fractional differential equation with nonlocal integro-differential boundary conditions on unbounded interval"
15h25-15h50	**Chahra KECHAR,** Souk Ahras University, "Study of positive periodic solutions for nonlinear neutral differential equation using Krasnoselskii's-Burton fixed point"
15h50-16h15	**Amira ABDELNEBI,** University of Mostaganem, New duffing fractional differential oscillator of equential type"
Break	
16h45-17h10	**Nedjoua ZINE,** University of Mascara, "Existence and uniqueness results for SICA model with fractional order"
17h10-17h35	**Ichrak BOUACIDA,** Université 8 Mai 1945, Guelma, "Implicit fractional integro-differential equations involving ψ-Caputo fractional derivative"
17h35-18h00	**Nadia ALLOUCH,** University of Mostaganem, "Boundary value problems for fractional q-difference equations"

Monday 23/05/2022	
Chairman : Prof. **Svetlin G. GEORGIEV**	
09h00-10h00	**Mourad SINI,** Mathematics of the imaging modalities using contrast agents **Radon Institute, Austrian Academy of Sciences, Austria**
10h00-10h25	**Hadjer MERAD,** Larbi Tebessi University – Tebessa, "The behavior of spinless particles within the fractional dimensional space"
10h25-10h50	**Mohammed ABDELMALEK,** School of Management of Tlemcen, "Spherical caps conjecture in Minkowski space"
Break	
11h20-11h45	**Sakina OTHMANI,** University of Science and Technology Houari Boumediene "Exponential stability of neural networks with time delays and non-Lipschitz activations"
11h45-12h10	**Abdelhakim DEHAMNIA**, Ecole Normale Supérieure, Alger, "Existence, uniqueness and reiterated homogenization of quasilinear hyperbolic-parabolic problems in perforated domains"
12h10-12h35	**Billal ELHAMZA,** Larbi Tbessi University, Tebessa "Identifying unknown boundary in a pollution problem: A sentinel method"
Break	
Chairman : Prof. **Mourad SINI**	
14h00-15h00	**Svetlin G. GEORGIEV**, Boundary value problems for first order impulsive dynamic equations **University of Sofia, Bulgaria**
15h00-15h25	**Hocine GABSI,** University of El-Oued, "Fixed point and stability of nonlinear problem of delay differential equations"
15h25-15h50	**Oussama MELATI,** University of Adrar "Existence results for non-instantaneous impulsive stochastic integro-differential equations with nonlocal conditions"
15h50-16h15	**Mimia BENHADRI,** University of Skikda, "Fixed point and global asymptotic stability of nonlinear neutral differential equation"
Break	
16h45-17h10	**Mohamed HOUAS,** Khemis Miliana University, "Uniqueness and Mittag-Leffler-Ulam-stability results for sequential Riemann-Liouville-Caputo fractional Duffing problem"
17h10-17h35	**Amel BOULFOUL,** University of Skikda, Limit cycles for generalized Kukles polynomial differential systems
17h35-18h00	**Maroua Amel BOUBEKEUR,** University of Mostaganem "Mathematical model of the obesity impact on COVID-19 severity"

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Tuesday 24/05/2022	
Chairman : Prof. **Radu PRECUP**	
09h00-10h00	**Tian XIANG,** On Krasnosels'kii type fixed point theorems **Institute For Mathematical Sciences (IMS) at Renmin University of China**
10h00-10h25	**Cheikh GUENDOUZ,** University of Oran1, "Some results for a nonlinear fourth-order boundary value problem with integral boundary condition"
10h25-10h50	**Ahmed Chaouki AOUINE,** Mohamed-Cherif Messaadia University - Souk Ahas "Fixed point theorem for nonlinear operator in partially ordered metric spaces and application to ordinary differential equations"
Break	
11h20-11h45	**Fatiha SELAMNIA,** University of Jijel, "A class of differential problems in Banach spaces"
11h45-12h10	**Omar BENNICHE,** Djilali BOUNAAMA University, Khemis miliana, "Approximate-null controllability for semilinear differential inclusion in abstract Banach spaces"
12h10-12h35	**Mohammed RABAH,** Université Abdelhamid Ibn Badis, Mostaganem, "Elliptic problems with Robin boundary coefficient-operator conditions in Hölder spaces: non commutative cases"
Break	
Chairman : Prof. **MEBARKI Karima**	
14h00-15h00	**Radu PRECUP,** Nonlinear alternatives of hybrid type for nonself vector-valued maps and application to differential systems **Babeş-Bolyai University, Cluj-Napoca, Romania**
15h00-15h25	**Kamilia KHEMMAR,** Bejaia University, "Existence of solutions for a class of boundary value problems for weighted p(t)-Laplacian impulsive systems"
15h25-15h50	**Lydia BOUCHAL,** Bejaia University, "Existence result for a non-autonomous second order difference equations via a new fixed point theorem"
15h50-16h15	**Riyadh AZIB,** Bejaia University, "Global existence of classical solutions to a class of Saint-Venant equations"
Break	
16h45-17h10	**Nourredine HOUARI,** University of Oran 1, "Monotone positive solution of fourth order boundary value problem with mixed integral and multi-point boundary conditions"
17h10-17h35	**Soumia SOLTANI,** University Mustapha Stambouli of Mascara, "Inequalities of the numerical radius for operator matrices and its applications"
17h35-18h00	**Abdallah MENAD,** Université Abdelhamid Ibn Badis, Mostaganem, "Analytic semigroups generated by the dispersal process in two habitats incorporating individual behavior at the interface"

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Wednesday 25/05/2022	
Chairman : Prof. **Tian XIANG** and Dr. **Rachid BOUKOUCHA**	
09h00-09h25	**Abderrahmane BENIANI,** University of Ain Temouchent "Existence and blow-up of result to the Cauchy problem for a wave p-Laplace equation with source term in R^n"
09h25-09h50	**Abdallah CHOUIA,** Hamma Lakhdar University of El Oued, "A frictional contact problem with wear and damage for elastic viscoplastic materials"
09h50-10h15	**Seyf Eddine GHENIMI,** University Mohamed Boudiaf, M'sila, "Energy estimates and boundary observability for the wave equation in some time-varying domains"
10h15-10h40	**Hazal YÜKSEKKAYA,** University of Dicle, Turkey, "Blow up of solutions for a hyperbolic-type equation with time delay"
Break	
11h00-12h00	**Khaled ZENNIR,** Stabilization for solutions of plate equation with time-varying delay and weak-viscoelasticity in R^n **Department of Mathematics, College of Science and Arts, Al-Ras, Qassim University, Saudi Arabia**
12h00-12h25	**Nazli IRKIL,** University of Dicle, Turkey, "Existence and lower bounds for the blow-up time in logarithmic wave equation with nonlinear dynamical boundary conditions"
Break	
Chairman : Prof. **Khaled Zennir**	
14h00-14h25	**Houria CHELLAOUA,** University of Laghouat, "General stability result for an abstract viscoelastic equation with time delay"
14h25-14h50	**Billal LEKDIM,** University Ziane Achour of Djelfa, "Stabilization of a Coupled axially moving beam with a nonlinear tension"
14h50-15h15	**Ala Eddine DRAIFIA,** Larbi Tebessi University, Tebessa, "Blow-up of solutions for a problem with Balakrishnan-Taylor damping and nonlocal singular viscoelastic equations"
15h15-15h40	**Amirouche BERKANI,** University Akli Mohand Oulhadj of Bouira, "General decay for a viscoelastic translational Timoshenko system"
Break	
16h00-17h00	**Irena LASIECKA,** Long time behavior in flow-structure interactions **Department of Mathematical Sciences, University of Memphis, USA**
17h00-17h20	**Rimi KHEZZANI,** University of El Oued, "Mathematical analysis of a dynamic piezoelectric contact problem with damage and adhesion"
17h20-17h40	**Rachid CHOUGUI,** Setif 1-University, "A thermo-electro-viscoelastic contact problem with adhesion and damage"
17h40-1800	**Imen BOUTANA,** Jijel University, "Existence results to time optimal control problems with almost convex condition"

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Thursday 26/05/2022	
Chairman : Prof Hacène BELBACHIR and Dr. Rezki Chemlal	
09h00-10h00	**Tosiya MIYASITA,** Remarks on radial solutions of a parabolic Gelfand-type equation **Yamato University, Japan**
10h00-10h25	**Naima KEDDAR,** Higher School of Management of Tlemcen, "Elliptic p-Kirchhoff type systems with critical Sobolev exponent in R^n
10h25-10h50	**Mebarka SATTAF,** Djillali Liabes University, Sidi Bel Abbes, "Kirchhoff type equations with singular exponential nonlinearities"
Break	
11h20-11h45	**Mohamed KAINANE MEZADEK,** Hassiba Benbouali University, Chlef, "Non-linear memory of σ-evolution models with two dissipative terms"
11h45-12h10	**Boussad HAMOUR,** Ecole Normale Supérieure, Alger "Singular nonlinear problems with natural growth in the gradient"
12h10-12h35	**Halima DELLOUCHE,** Bejaia University "Singular quasilinear elliptic systems with gradient dependence"
Break	
Chairman : Prof. Arezki KHELOUFI	
14h00-15h00	**Hacène BELBACHIR**, Une extension de l'inégalité de Gram aux espaces L^{2n} **Université des Sciences et de la Technologie Houari Boumediene, Algeria**
15h00-15h25	**Rabah GHERDAOUI,** University of Tizi-Ouzou, « Utilisation de l'opérateur de prolongement impair pour généraliser une suite des solutions approchées de l'équation de transport-diffusion dans R^d_+
15h25-15h50	**Kamel BENYETTOU,** Abdelhamid Ibn Badis University Mostaganem, "On the stability of singular Roesser state space models"
15h50-16h15	**Safa MENKAD,** University of Batna 2, "On the class of binormal operators"
Break	
16h45-17h10	**Rachid BOUKOUCHA,** Bejaia University "On the first integral for a class of Kolmogorov systems"
17h10-17h35	**Rebiha ZEGHDANE,** Bordj Bou-Arreridj University, "Numerical solution of nonlinear integral equations via collocation method based on cardinal functions"
17h35-18h00	**Imane BENABDALLAH,** Bordj Bou-Arreridj university, "Limit cycle of the discontinuous piecewise system formed by cubic Hamiltonian system separated by a straight line"