



ICPAMS-2022

CERTIFICATE OF PARTICIPATION

This is to certify that

Kaouther Bouchama

contributed by an oral presentation entitled

Numerical solution for the space-time fractional linear diffusion equation involving the Caputo-Hadamard fractional derivative

During the

**INTERNATIONAL E-CONFERENCE ON PURE AND APPLIED
MATHEMATICAL SCIENCES (ICPAMS-2022)**

04-07 May 2022

DR RAOUF FAKHFAKH
General Conference
Chair

DR MOHAMED KHARRAT
General Conference
Chair

**INTERNATIONAL E-CONFERENCE ON PURE AND APPLIED
MATHEMATICAL SCIENCES (ICPAMS-2022)
4-7 May 2022**

05/05/2022 (Second Session) Chairs Men: Nouressadat Touafek, Lakehal Belarbi, and Mohamed Kharrat			
ZOOM link: https://us06web.zoom.us/j/87401969375?pwd=akdLOEN6OVlxQVptWmJiTGdDZmFFQT09			
	Hours (GMT)	Oral Presentation Speakers	Presentation Titles
12:30 - 17:00 (GMT)	Chair Man: Nouressadat Touafek		
	12:30 - 12:45	Abdelkrim Barbara	Study of an anisotropic fractional problem with variable exponent by the variational method
	12:45 – 13:00	Snezhana Hristova	Riemann--Liouville fractional differential equations, impulses and finite time Lipschitz stability
	13:00 – 13:15	Raksha Devi	Application of Rothe's Method to Fractional Differential Equations With Finite Delay
	13:15 – 13:30	Ali Khalouta	Semi-numerical analytic technique and its convergence to solve the nonlinear fractional Lienard equation
	13:30 - 13:45	Muhammad Fiaz	Numerical Solutions of Time-Fractional Reaction-Diffusion Coupled Equations in Biological and Chemical Systems
	13:45 – 14:00	Yacine Arioua	A coupled system of nonlinear Caputo-Katugampola type fractional differential equations with integral boundary conditions
	Chair Man: Lakehal Belarbi		
	14:00 – 14:15	Hamid Beddani	A New Tripled System of Hybrid Differential Equations With ϕ -Caputo Derivatives
	14:15 – 14:30	Nabil SAOULI	A simplified Tikhonov regularization method for determining the heat source and the initial temperature
	14:30 - 14:45	Hadjer Merad	Relativistic treatment of spin-0 particles in fractional dimensional space
	14:45 – 15:00	Smail Kaouache	Modified adaptive controller for the stabilization of the fractional-order chaotic Rikitake Dynamo system with unknown parameters
	15:00 – 15:15	Safa Bourafa	Fractional-Order Autonomous System with Exact Periodic Solution
	15:15 – 15:30	Helal Mohamed	Fractional Partial Hyperbolic Differential Inclusions with Finite State-Dependent Delay
	Chair Man: Mohamed Kharrat		
	15:30 - 15:45	Bouzenada Abdelmalek	Exact solution of Schrodinger equation in fractional quantum approximation
	15:45 – 16:00	Mohammed Kaid	Nonlocal problem for fractional differential equations via ϕ -Hilfer derivative
	16:00 – 16:15	Kenef Esmâ	On the solvability of a impulsive mixed fractional differential equations
	16:15 – 16:30	Bennani Ahlem	Resolution of quadratic fractional programming problem via quadratic programming formulation using DCA algorithm
	16:30 - 16:45	Kaouther Bouchama	Numerical solution for the space-time fractional linear diffusion equation involving the Caputo-Hadamard fractional derivative
16:45 – 17:00	Chaouche Meryem	Stochastic differential inclusions driven by Q-subfractional Brownian motion with fractional derivative	