

University of M'sila

Faculty of Mathematics & Computer Science

Laboratory of Functional Analysis & Geometry of Spaces

8th M'sila Conference on Mathematical Analysis

" Banach spaces & Operator theory" October 23rd, 2024. M'sila, Algeria

PROGRAM SCHEDULE

Room 03

Topic 03: Functional analysis of PDEs

10:00-10:20	HICHEM KHELIFI	NEW NONLINEAR PICONE IDENTITIES WITH VARIABLE EXPONENTS AND APPLICATIONS
10:20-10:40	MOHAMED EL FAROUK OUNANE	INFINITELY MANY SOLUTIONS FOR A Q-CURVATURE TYPE PROBLEM ON A CLOSED RIEMANNIAN MANIFOLD
10:40-11:00	BRAHIMI SIHAM	ÉTUDE DU CARACTÈRE FAIBLEMENT BIEN POSÉ DANS L^2 POUR DES PROBLÈMES AUX LIMITES CARACTÉRISTIQUES
11:00-11:20	AISSA BENSEGHIR	TRANSMISSION SYSTEM FOR WAVES WITH NONLINEAR WEIGHTS AND DELAY
11:20-11:40	Coffee Break	

11:40-12:00	ABDELAZIZ HELLAL	EXISTENCE RESULTS FOR DOUBLE PHASE PROBLEMS
12:00-12:15	MOHAMED AMINE ZOUATINI	REGULARITY RESULTS FOR ANISOTROPIC DEGENERATE PARABOLIC EQUATIONS WITH A SINGULARITY
12:15-12:30	BENZATAT RIM	VARIATIONAL ANALYSIS OF A DYNAMIC VISCOELASTIC PROBLEM
12:30-12:45	GUIDOUM SABRINA	THE EXISTENCE AND UNIQUENESS OF SOLUTION FOR AN ELECTRO-ELASTIC PROBLEM
12:45-13:00	AMARA KADDOURI JOUINT	OPTIMAL CONTROL OF SOLUTION OF A NONLINEAR HISTORY-DEPENDENT BOUNDARY VALUE PROBLEM
13:00-13:15	BILEL MADJOUR	ASYMPTOTIC BEHAVIOR OF THE ENERGY FOR THE KIRCHHOFF EQUATION WITH NONLINEAR FEEDBACK IN BEAM DYNAMICS
13:15-13:30	ASMA SAHRAOUIL	QUASI-EXACTLY SOLVABLE SCHRODINGER EQUATION FOR THE INVERSE QUARTIC POWER POTENTIAL
13:30	Closing and Lunch	