

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 01

Topic 01: Geometry of Banach and metric spaces

•Registration 8:30-09:00

•Opening 9:00-09:20

09:20-09:40

BOUDELLAL AMEL

ALMOST AUTOMORPHY FOR HYPER-FUNCTIONS, AND AN APPLICATION

•Coffee Break 9:40-10:00

10:00-10:20

CHICHOUNE ROMAÏSSA

WEIGHTED BESOV SPACES ASSOCIATED WITH HERMITE OPERATORS

10:20-10:40

GHERIBI BOCHRA

THE BMO FUNCTIONS AND TRIEBEL-LIZORKIN SPACE

10:40-11:00

MANSOUR MOUCHIRA

VOLTERRA INTEGRO-DIFFERENTIAL SWEEPING PROCESS

11:00-11:20

BENGUESSOUM ADEL

Riemann Type of Fractional Integral Inequalities of (k, s) — via h -Convex Functions

11:20-11:40

Coffee Break

11:40-12:00	HAMZA BRAHIM BOULARES	VARIABLE WEAK HERZ ESTIMATES FOR SINGULAR INTEGRAL OPERA- TORS
12:00-12:20	BENKEMACHE IBTISSEM	BANACH SPACE THEORY AND ATOMIC DECOMPOSITIONS OF FRAC- TIONAL PARTIAL DIFFERENTIAL EQUATIONS”
12:20-12:40	ZINE HASSAN	A FINER APPROACH TO THE BEST APPROXIMATION PROBLEM IN ASYMMETRIC NORMED SPACES
12:40-13:00	ALOUANI AHLEM	CHARACTERIZATION OF MULTILIN- EAR COMPACT OPERATORS
13:30	Closing and Lunch	