



LABORATOIRE DE MATHÉMATIQUES ET APPLICATIONS (LMA)
Organise



ère

Conférence Nationale de Mathématiques & Applications

09 - 10 Juin 2023

THÉMATIQUES :

- Analyse Mathématique
- Algèbre et Applications
- Systèmes Dynamiques
- Modélisation et Statistiques

**À LA FACULTÉ DES SCIENCES
AGADIR**



rnma2023@sciencesconf.org

VENDREDI 09 JUIN 2023

8H30 – 09H00
 09H00

Accueil des participants
 Cérémonie d'ouverture (Amphi BR)
SESSION DE CONFÉRENCES

Modérateur : Pr. EL Qorachi El Houcien

9H30–10H10

Old and New Results on Fourier Analysis

Pr. Redouane DAHER (FS – Ain Chok)

10H10–10H50

Some Generalizations of Frames in Hilbert Modules

Pr. Samir KABBAJ (FS – Kenitra)

PAUSE-CAFÉ

SESSIONS DES COMMUNICATIONS ORALES

	SESSION 1 : SALLE BS5 <i>MODÉRATEUR : PR. REDOUANI AHMED</i>	SESSION 2 : SALLE BS2 <i>MODÉRATEUR : PR. MOHAMED BOUMAZGOUR</i>
11H10–11H30	Mohamed El Fatini (FS – KÉNITRA) <i>Impact of Lévy Noise on Disease Modeling</i>	Lhoussain El Fadil (FSDM – FÈS) <i>On index and monogeny of certain number fields defined by trinomials</i>
11H30–11H50	Aiad Elgourari (FS – KÉNITRA) <i>Bicomplex Potential theory</i>	Ali Tamoussit (CRMEF – INEZGANE) <i>Rings in which every residue field is finite</i>
11H50–12H10	Jawad H'michane (ENSA – KÉNITRA) <i>On the class of L-weakly compact sets</i>	Omar Ouzaouit (ESEF – AGADIR) <i>Noetherian-like properties and zero - dimensionality in some extensions of rings</i>
12H10–12H30	Redouane Sayyad (FSJES – AIT MELLOUL) <i>Duality of weakly McShane integrable functions spaces</i>	El Hassane Flouet (CRMEF – INEZGANE) <i>Quasi-modular Factorizations of a Finite Purely Inseparable Extension</i>
12H30–12H50	Aicha Zerbet (FSJES – AGADIR) <i>On outliers detection for gamma sample</i>	Omar Ajebbar (FP-BENI MELLAL) <i>The Cosine-Sine functional equation on semigroups</i>

DÉJEUNER

SESSION DE CONFÉRENCES

Modérateur : Pr. Mohamed Boumazgour

15H30–16H10

The dynamic of the generalized Backward Shift and related results

Pr. Mohamed AMOUCH (FS– EL Jadida)

16H10–16H50

On Jacobi–Dunkl transforms and series

Pr. Frej Chouchene (Faculté des Sciences de Monastir–Tunisie)

VENDREDI 09 JUIN 2023

PAUSE-CAFÉ

SESSIONS DES COMMUNICATIONS ORALES

	SESSION 3 : SALLE BS5 <i>MODÉRATEUR : PR. SANI AHMED</i>	SESSION 4 : SALLE BS3 <i>MODÉRATEUR : PR. SAMIR KABBAJ</i>	SESSION 5 : SALLE BS2 <i>MODÉRATEUR : PR. EL QORACHI EL HOUCIEN</i>
17H15-17H35	Chakir Hilmi (FSA - AGADIR) <i>Developpements recents en integration produit</i>	Mohamed Hannabou (FP-BENI MELLAL) <i>Investigation the existence of solution to coupled system of nonlinear impulsive hybrid differential equations with linear and nonlinear perturbations</i>	Mohamed Moumen (ENSA - AGADIR) <i>Differential identities on Banach algebras with derivations</i>
17H35-17H55	Soufiane El Khaïar (FSA AIT MELLOUL) <i>Global dynamics of epidemic models</i>	Othman Aboutofail (ENSA - KÉNITRA) <i>Some results on the Komlos sets and applications</i>	Youssef Ahendouz (FSA AGADIR) <i>On repeated-root constacyclic codes of arbitrary length over Galois ring operatorname GR (p^m, L)</i>
17H55-18H15	Driss Bouggar (FS - KÉNITRA) <i>Pontryagin Stochastic Maximum Principle for E-optimal control in a Within-Host Infectious Disease Model Driven by White Noise</i>	Abdelmonaim EL Kaddouri (ENSA - TÉTOUANE) <i>Some properties of weak* Dunford-Pettis operators on Banach lattices</i>	Belkaid Said (ENSA - AGADIR) <i>On functional equations related to generalised Jordan delta-double derivations in rings and algebras</i>
18H15-18H35	Imzegouan Chafai (ENSA - AGADIR) <i>On the study of neutral-type neural networks randomly disturbed by delay, Gaussian and Lévy noises</i>	Khalid Bouras (FP - LARACHE) <i>On the Domination problem of LW-compact operators</i>	Youssef Aserrar (FSA - AGADIR) <i>A generalization of the cosine addition law on semigroups</i>
18H35-18H55	Aziz Zouine (ENSA - AGADIR) <i>General decay stability of nonlinear delayed hybrid stochastic system with switched noises</i>	Fatima Zahra Oughajji (FS - KÉNITRA) <i>On the class of b almost order (L) sets in Banach lattices</i>	Mohamed Chakiri (FSA - AGADIR) <i>Alienation of a trigonometric functional equation</i>
18H55-19H15	Brahim Boukanjime (FS - KÉNITRA) <i>A stochastic hybrid delayed epidemic model with Markovian switching</i>	Sanaa Boumnidel (FP - LARACHE) <i>On the class of $uaw-w^*$-Dunford -Pettis operator</i>	Ahmed Jafar (FSA - AGADIR) <i>A Kannappan-sine addition law on semigroups</i>

SAMEDI 10 JUIN 2023

SESSION DE CONFÉRENCES :

Modérateur : Pr. Redouani Ahmed

9H00 – 09H40

Quelques résultats sur les groupes à plusieurs paramètres

Pr. Mohamed AKKOUCHE (FS-Semlalia)

09H40–10H20

On a probabilistic largetime behavior of a chaotic linear system

Pr. Samir EL MOURCHID (FS-Agadir)

PAUSE-CAFÉ

SESSIONS DES COMMUNICATIONS ORALES

	SESSION 6 : SALLE BS5 MODÉRATEUR : PR. SANI AHMED	SESSION 7 : SALLE BS3 MODÉRATEUR : PR. REDOUANE DAHER	SESSION 8 : SALLE BS2 MODÉRATEUR : PR. AICHA ZERBET
10H40–11H00	Badr ELMANSOURI (FSA-AGADIR) <i>Pricing American game options in a financial market driven by Azéma's martingale : A doubly reflected BSDEs approach</i>	Brahim Allal (FSA-AIT MELLOUL) <i>Controllability of degenerate parabolic system with memory</i>	Abdelkbir Riffi (FSA- AGADIR) <i>Graded Almost Valuation Domains</i>
11H00–11H20	Mohammed ELHACHEMY (FSA-AGADIR) <i>Infinite time interval double reflected generalized bsdes with jumps and stochastic monotone coefficients</i>	Mohamed Azzaoui (FST ERRACHIDIA) <i>Exact controllability of an internally degenerate wave equation</i>	Anouar Lahmdani (FSA-AIT MELLOUL) <i>Subgradient method for solving multi-objective optimization problems with deterministic noise</i>
11H20–11H40	Abdelghani Sougrati (FSA-AGADIR) <i>Case on the norm of elementary operators</i>	Charif Bourzik (FST- MARRAKECH) <i>Introduction et développements de la géométrie de Koszul-Vinberg</i>	Youness EL ANSARI (EST-AGADIR) <i>Strong consistency estimators of the Brennan-Schwartz diffusion process based on martingales approach</i>
11H40–12H00	Zakaria TAKI (FS- SEMLALIA) <i>Some new refinements of numerical radius inequalities for Hilbert space operators</i>	Abdelaali Dades (FS- AIN CHOK) <i>Uncertainty principles for the continuous Kontorovich lebedev wavelet transform</i>	Mohamed ali Hafdi (EST- LAËYOUNE) <i>Goodness of fit test for the baseline hazard function in the Cox model</i>
12H00–12H20	Somayya Moulaharabbi (FS- SEMLALIA) <i>S-spectrum of quaternionic right linear bounded operators</i>	Sofia Boudrai (FS - KÉNITRA) <i>Concrete description of a new class of slice hypermeromorphic Bergman spaces in the quaternionic setting</i>	Hanane Himmi (ENSA-MARRAKECH) <i>Feedback stabilization of multi-input non linear stochastic systems</i>
12H20–12H40	Ahmed Elbarbouchi (FSA-AGADIR) <i>Norm of the sum of two operators</i>	Assila Nadia (FS - KÉNITRA) <i>On perturbation properties of controlled frames of submodules in Hilbert C^*-modules</i>	Lahcen Laili (FSA-AGADIR) <i>Simulation study of smooth score test to assess proportionality assumption in cox model</i>
12H40–13H00	Fouad Maragh (FSA-AGADIR) <i>On a class of retarded integro-differential Volterra equations</i>	Ahmed Chana (FS - AIN CHOK) <i>Toeplitz operators and Tikhonov regularization problem for the Laguerre-Bessel wavelet transform</i>	Mohamed Achraf HAMIDI (FSA-AGADIR) <i>The power evaluation of the included tests in gofitte package</i>

CLÔTURE DE LA CONFÉRENCE

DÉJEUNER