

Programme Journée Doctorale 2025

Samedi 31 Mai 2025

08h30	Accueil des participants
09h00	Mot d'ouverture
09h10-10h00	Conférence Plénière 1 : Pr. A. BOUSSAIRI Conjecture de Pouzet sur les structures monomorphes Modérateur : Pr. S. ABDELALIM
10h00-10h30	Pause-café
10h30-11h20	Conférence Plénière 2 : Pr. M. OUARIT Feedback stabilization of non-homogeneous distributed bilinear systems with varying time delay Modérateur : Pr. M. EL MAGHRI
11h20-12h40	Sessions parallèles
	Session 1 : Cryptographie A. ABDELALIM, A. BOUSSAIRI, B. CHERGUI, A. EL KHALFI
11h20-11h40	A Constacyclic-Code-Based Hash Function <u>Cherkaoui asma</u> , Abdelalim Seddik, Lkoaiza Abdelkarim, Elmouki Ilias
11h40 -12h00	An Introduction of Gröbner Bases in the Coppersmith Method <u>Lkoaiza Abdelkarim</u> , Abdelalim Seddik, Cherkaoui Asmaa, Elmouki Ilias
12h00-12h20	On the resolution of lattice reduction problems through qr decomposition schemes <u>Ez-Zaher Mohammed-Yasser</u> , Abdelalim Seddik, Elmouki Ilias
12h20-12h40	On the Resolution of the Lattice Closest Vector Problem through a QR scheme with an Application against GGH <u>Ed-Dyb chaymae</u> , Abdelalim Seddik, Elmouki Ilias
12h40-13h	On the Characterization of Generalized Hereditarily Hopfian Groups in Selected Categories of Abelian Groups <u>Bouzendaga Abderrahim</u> , Abdelalim Seddik

	Session 2 : Analyse Harmonique A. AKHLIDJ, M. EL HAMMA, F. EL WASSOULI, I. MARRHICH
11h20-11h40 11h40 -12h00 12h00-12h20 12h20-12h40 12h40-13h	A Paley-Wiener Theorem for the Mehler-Fock Transform <u>El Bouazizi Mohammed</u>, El Hamma Mohamed An inversion theorem for the generalized Fourier-Bessel transform <u>Laamimi Afaf</u>, El Hamma Mohamed Generalization of Titchmarsh's theorem for the linear Canonical Fourier Bessel transform <u>Benlaajine Hassan</u>, El Hamma Mohamed On estimates for the generalized Fourier-Bessel transform <u>Laamri Mohamed</u>, Akhlidj Abdellatif An Analogue of Titchmarsh's Theorem for the Laguerre Transform <u>Hasnaa Lahmadi</u>, El Hamma Mohamed
	Session 3 : Méthodes numériques -Intelligence artificielle B. AYLAI, A. BOUMAZOUGH, M. EL OUAARABI, H. LAKHBAB, A. RADID
11h20-11h40 11h40 -12h00 12h00-12h20 12h20-12h40 12h40-13h	Solving Inverse Differential Problems Using Physics-Informed Neural Networks <u>HARIRI Imane</u>, RADID Atika, RHOFIR Karim On Some Numerical Studies in Air Pollution Modeling <u>ROUSSAFI Mariam</u>, RADID Atika, RHOFIR Karim A numerical study of swelling porous thermoelastic soils mixture with second sound <u>Bariki Fatima Zahra</u>, RADID Atika Global analysis of a discrete-time SIS epidemic model with Beverton-Holt type demography <u>Omaima Slimani</u>, Bouchra Aylaj, Saber Elaydi An Intelligent Flask-React Web Platform for Breast Tumor Classification <u>Houssa Nouhaila</u>, Abdelalim Seddik, Elmouki Ilias
13h00-14h30	Déjeuner
14h30-17h10	Sessions parallèles
	Session 1 : Algèbre et théorie des graphes A. ABDELALIM, A. BOUSSAIRI, B. CHERGUI, A. EL KHALFI
14h30-14h50 14h50-15h10 15h10-15h30 15h30-15h50	On the spectral characterization of two-graphs Boussairi Abderrahim, <u>Souktani Imane</u>, Zouagui Mohamed Quasi-orthogonal extension property of ϵ-symmetric matrices Boussairi Abderrahim, Chergui Brahim, Sarir Zainebe, Zouagui Mohamed Developments on spectral characterizations of graphs Boussairi Abderrahim, <u>Chiboub abdelhakim</u>, Lakhlifi Soufiane Monomorphic two-graphs Boussairi Abderrahim, <u>Ezzahir Sara</u>, Lakhlifi Soufiane

15h50-16h10	Commutative rings with n-1-absorbing prime factorization <u>Laarabi Hicham</u> , Hamraoui Hinda, El Khalfi Abdelhaq
16h10 -16h30	An overview of the extension property <u>Souhail Mohamed</u> , Abdelalim Seddik
16h30-16h50	Some properties of the injective envelope in the category of modules <u>El Garn Mostafa</u>
16h50-17h10	d-distance colorings of distance graphs $D(1,t)$ <u>El Kouabli Youssef</u> , Faouzi Latifa
Session 2 : Analyse harmonique A. AKHLIDJ, M. EL HAMMA, F. EL WASSOULI, I. MARRICH	
14h30-14h50	Growth properties of the first Hankel-Clifford transform <u>Mahfoud Ayoub</u> , El Hamma Mohamed
14h50-15h10	Sufficient conditions for the weighted integrability of the k-Hankel transform <u>Khadari Abdelmajid</u> , El Hamma Mohamed, Daher Radouan
15h10-15h30	Time-frequency analysis associated with multidimensional Hankel-Gabor transform <u>Nafie Noureddin</u> , Akhlidj Abdellatif
15h30-15h50	Second Titchmarsh's theorem for the generalized Fourier transform in the space $L^p(d\mu_{\{k,n\}})$. <u>Chablaoui Abdessalam</u> , El Hamma Mohamed
Session 3 : Système, contrôle et optimisation- Intelligence artificielle M. EL MAGHRI, H. LAKHBAB, M. LHOUS, EL M. MAGRI, M. OUARIT	
14h-14h20	Exact controllability of non-autonomous parabolic systems <u>Miassangana Drech Vusconty</u> , Ouarit Mostafa
14h20-14h40	Stabilization of retarded bilinear systems of neutral type by decomposition method <u>Bengrich Mohammed</u> , Ouarit Mostafa, Tsouli Azeddine
14h40-15h	Particle Swarm Optimization with Algebraic Operators <u>Heider Ghazouani</u> , Lakhabab Halima, Adil Nouhaila
15h-15h20	Q-Learning Enhanced Particle Swarm Optimization for MKP <u>Eddaoudi Fakhita</u> , LAKHBAB Halima, NAIMI Mohamed
15h20-15h40	Solving Structural Optimization Problems Using Metaheuristics <u>Mouhayen Kaoutar</u> , ELMOUMEN Samira, LAKHBAB Halima
15h40 -16h	On the Cycling Problem in Linear Optimization Through Degeneracy <u>AIT BRIK Asmaa</u> , ABDELALIM Seddik, ELMOUKI Ilias
16h-16h20	CFG Interval Reduction and an Introduction to ASM <u>Hafid Meryem</u> , Abdelalim Seddik, Elmouki Ilias, Karim Driss
17h10-17h30	TABLE RONDE - CLÔTURE DE LA CONFÉRENCE