



JSSA'19 : 3ème édition de la Conférence Internationale Journées Scientifiques en Sciences Appliquées

15-16 févr. 2019 Larache (Maroc)

Programme de la conférence

Vendredi 15 Février 2019

08h30 - 09h30	Accueil des participants et Inscription		
09h30 - 10h15	- Ouverture Officielle - Café d'accueil		
10h15 - 12h30	Session Plénière 1 : Salle de Conférences - Modérateur Pr. BadrAbou El Majd Generalized Enriched Finite Element Methods for Transient Partial Differential Equations <i>Pr. Mohammed SEAID (Durham University, Durham, United Kingdom)</i>		
	Session Plénière 2 : Salle de Conférence Transformation numérique et apprentissage automatique, leviers principaux pour la nouvelle génération des systèmes intelligents <i>Pr. Mostafa EZZIYYANI (FST, Abdelmalek Essaadi University, Tangier, Morocco)</i>		
	Session Plénière 3 : Salle de Conférences Approche Mathématique pour l'étude de la diffusion dans les Systèmes Complexes : Résultats Récents et Perspectives <i>Pr. Mabrouk BENHAMOU (Faculty of Sciences, University of Moulay Ismail, Meknes, Morocco)</i>		
13h00 - 15h00	Prière & Déjeuner		
15h00 - 16h30	Session Orale 1: Salle D1 <i>Chair : Pr. Najat RAFALIA</i>	Session Orale 2: Salle D2, <i>Chair : Pr. Mohammed Seaid</i>	Session Orale 3 : Salle D3 <i>Chair : Pr. Mabrouk BENHAMOU</i>
	Hybrid Genetic Algorithms and Ant Colony Optimization to solve NP-hard problems <i>Yassine Mouden</i>	Some degenerate parabolic problems: Existence and regularity <i>Youssef El hadfi</i>	Detection of damage in rail head <i>Sara Teidj</i>
	A new approach to prevent internal attacks on Database encryption keys <i>Karim El Bouchti</i>	Regularity of solutions to nonlinear parabolic equations with a lower-order term and degenerate coercivity, <i>Mustapha Aitkhellou</i>	Thermal buckling of laminated beams and plates with temperature dependent properties by an asymptotic numerical method, <i>Farah Abdoun</i>
	L'impact des Big-Data sur le Supplychain management collaboratif des entreprises de services : Une étude exploratoire, <i>Badr Bentalha</i>	Numerical simulation of long-term transport and dispersion on water surfaces, <i>Ilham Asmouh</i>	Design and simulation of the manufacturing process of high-pressure composite pressure vessels by filament winding, <i>Zakaria Lbarnoussi</i>
	Using the artificial intelligence in the management of renewable energies <i>Ilias Glilah</i>	Modeling and simulation of the pneutralization unit in the production system of phosphate fertilizers, <i>Elmisaoui Safae</i>	Double-diffusive Soret convection with an internal heat generation in a square cavity heated/cooled from above/below, <i>Safae Hasnaoui</i>
	Ressource Acquisition for Video Transcoding in Cloud environments <i>Alouane Nour-Eddine</i>	Thermal behavior modeling of a construction material on stabilized earth made by straw fibers, <i>Fatima-Ezzahra El Mabchour</i>	Le choix du convertisseur DC/DC pour l'adaptation d'impédance dans les systèmes solaire PV autonome, <i>Hamed Ba Abdellahi</i>
	Wigner Ville Distribution for 2-D signals <i>Lamzouri Fatima Zahra</i>	Numerical solution of Volterra-Fredholm integral equations by moving least square <i>Zahra El Majouti</i>	La méthode itérative en concept d'onde en coordonnées sphériques <i>El Haddad Zaid</i>
16h30-16h45	Pause café		
16h45 - 18h15	Session Orale 4: Salle D1 <i>Chair : Pr. Mostafa EZZIYYANI</i>	Session Orale 5: Salle D2, <i>Chair : Pr. Defim Torres</i>	Session Orale 6 : Salle D3 <i>Chair : Pr. Amal Bergam</i>
	Knowledge Management Through Metaheuristics <i>Hibbi Fatima-Zohra</i>	Travel-blocking vicinity optimal control approach on patches using SIRS discrete-time epidemic model <i>Boutayeb Hamza</i>	Processing of passenger flows at airports: Contribution of applied models <i>Zineb Edrissi</i>
	Conception d'une plateforme e-Learning dédiée à la formation à l'alphabétisation et à l'apprentissage tout au long de la vie, <i>Jamal Eddine BarhoneSittou</i>	Transportation cost inequality for neutral fractional stochastic differential equations driven by fractional Brownian motion, <i>Soufiane Mouchtabih</i>	An Exponential Autoregressive Model for the Forecasting of Annual Sunspots Number, <i>Azouagh Nabil</i>
	Le système de Recommandation dans les MOOCs <i>Rajae Zriaa</i>	Bifurcation analysis for prey predator model with Holling functional response III and prey refuge. <i>Lazaar Oussama</i>	Likelihood and Decoding Problems in Partially Hidden Markov Models <i>Karima Elkimakh</i>
	Etude Analytique de la problématique de la résolution des problèmes des mathématiques chez les élèves et les étudiants, <i>Asmae Bahbah</i>	Multiplicative Exact controllability for the wave equation with non homogenous DBC, <i>Rachid Touati</i>	Régression linéaire multiple et Théorie des graphes pour optimiser les stations de rechloration d'eau potable, <i>Said Amali</i>
	Integration of evolutionary algorithm in an oriented agent approach for an adaptive E-learning, <i>Fatima Zohra Lhafra</i>	Optimal control for immunotherapy and chemotherapy cancer model <i>Soukaina SABIR</i>	F.Comlombearththeory and applications <i>Aziz Moujahid</i>
	Towards a link tool for cultural heritage data: the case of manuscript documents <i>FouadNafis</i>	A fractional order for shery model with reserve area <i>Mohamed Reda Lemmaouar</i>	Numerical investigation of natural convection in a rectangular cavity heated and cooled from one side by sinusoidal temperature profiles: effect of the aspect ratio <i>Mouhcine Alouah</i>
A Learner's Player Learning style, Stimulates Learning System for improving the learning acquisition, <i>LamyaeBennis</i>	Effect of delay in the funds allocated for awareness on the dynamics of an epidemiological model. <i>Hajjami riane</i>		



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Samedi 16 Février 2019

Session Plénière 4: Salle de Conférences - *Modérateur* Pr. Mustapha SERHANI

Monte Carlo Simulation and Markov Chains

Pr. Abdelaziz NASROALLAH (Faculty of Sciences Semlalia, LIBMA, Cady Ayyad University, Marrakesh, Morocco)

Session Plénière 5 : Salle de Conférences

Mathematical modeling with time scales and its application in epidemiology

Pr. Delfim F. M. Torres (Coordinator of the R&D unit CIDMA, Department of Mathematics, University of Aveiro, Portugal)

SESSION POSTERS et Pause-café

Session Plénière 6 : Salle de Conférences - *Modérateur* Pr. Delfim F. M. Torres

Ingénierie concourante en optimisation de forme multi-disciplinaire

Pr. BadrAbou El Majd (CeReMAR, LMSA Lab., FSR, Mohamed V University, Rabat, Morocco)

Session Plénière 7 : Salle de Conférences

Numerical methods for nonstandard multiphase flows in porous media

Pr. Saad MAZEN (Laboratoire de Mathématiques Jean Leray Département Info/Math, Centrale Nantes, Nantes, France)

Déjeuner

Session Orale 8: Salle D1,
Chair : Pr. Haimoudi El Khatir

Session Orale 9 : Salle D2,
Chair : Pr. Mazen Saad

Session Orale 10 : Salle D3,
Chair : Pr. Farah Abdoun

	The choice of variables in latent class models <i>ElMaakoul Hamza</i>	Strongly non-linear elliptic problems in Musielak spaces with L1 data <i>Sidi Mohamed Douiri</i>	Les troubles spécifiques à l'apprentissage de langues dans les neurosciences cognitives, <i>Youssef Kabiri</i>
	A hybrid Genetic algorithm with artificial immune system to solve the Fixed Charge Transportation Problem with priority based encoding <i>Ahmed Lahjouji El Idrissi</i>	$p(x)$ Anisotropic Equations in unbounded Domain <i>Ahmed Aberqi</i>	Soret and Dufour Convection in a Shallow Brinkman Porous Cavity Submitted to Uniform Fluxes of Heat and Mass <i>Ismail Filahi</i>
14h30	Configuration and analysis of microstrip low pass filter for high efficiently Rectenna circuit <i>Islam Toulali</i>	Asymptotic behaviour of renormalized solutions to parabolic equations with measure data and G-converging operators <i>Mohammed Abdellaoui</i>	Hydrodynamics and Mass Transfer Simulation in a Direct Carbon Fuel Cell Using Lattice Boltzmann Method <i>Abdelfattah El Mansouri</i>
16h30	Un système de recommandation hybride et adaptatif pour la promotion de la destination Maroc <i>AL Fararni Khalid</i>	A Galerkin-characteristics finite element method with adaptive projection for transport problems <i>Abdelouahed Ouarghi</i>	Disease dynamics of a probabilistic SIR model with perturbed recovered rate <i>Aadil Lahrouz</i>
	Shearlet Transform for Face Sketch Recognition <i>Ziani Chaymae</i>	Sur la classe des ensembles et des opérateurs L-faiblement compacts <i>Driss Lhaimer</i>	Natural Convection Heat Transfer in a Cavity Partially Open and locally Heated <i>Mustapha OUAHAS</i>
	Descriptive Analysis of Business Value Models' Transformation in MDA Approach, <i>Nassim Kharmoum</i>	Lie structure in semi-prime rings with involution <i>Assoujaa Ismail</i>	Design and classification of Unmanned Aerial Vehicles (drones): A review <i>Aimad Mahmoudy</i>
	Moroccan Energy Mix Optimization <i>Zakariyae Tajani</i>	Hyperstability of the quadratic functional equation in an ultrametric space <i>Aribou Youssef</i>	Design, Control and Analysis of Photovoltaic Source Emulator based on SEPIC Converter with Sliding Mode Controller <i>Alaoui Mustapha</i>
	Numerical simulation studies of AA2090 for deep drawing at various yield criteria <i>Kenza Bouchaala</i>	Banach lattice, limited operator, Dunford-Pettis operator <i>El Aloui Abdennabi</i>	

Pause café et Clôture

SESSION POSTERS -

Image Encryption Using The Balanced Incomplete Block Designs

EL GHACHI Oualid

Indexation et Recherche dans les grands bases 2D et 3D

Amal ELJABRI

Modélisation statistique pour prévoir l'ozone journalier -Cas de la région du Grand Casablanca

Amal BERGAM

Statistical Splicing of Economic Series by Smoothing Quadratic Splines

Rim Akhrif

Déploiement d'un système expert pour le dépistage et le diagnostic médical du cancer

Imane El Kouch

Stability of the solutions of an inverse boundary coefficient problem

Chakir TAJANI

Numerical method for the inverse coefficient problem of a parabolic equation

Mohamed DABAGHIA

Metaheuristic approaches to solve some inverse problems

Jamal DAOUDI

Approach to Solve Inverse Problem in Image Reconstruction

Anass GUITANOU

Solutions to Reduce Traffic Congestion in Smart Cities

Hicham TOUIL

Comparative analysis of image classification approaches

Muhsine RHAFAL

Pity Beetle Algorithm to Solve VRP Variants

Otman ABDOUN

Les particularités des systèmes et moyens de Classifications Pour le Diagnostic

El Khatir HAIMOUDI

Regional constrained-controllability of bilinear systems using Lagrangian Approach

Fatima GHAFRANI

Simulation parfaite de modèles markoviens d'ordre supérieur à 1

Hanane FAKHOURI

Stabilité de l'équation du Cauchy-Jensen dans les espaces 2-Banach

Amal BERGAM