

**Doctoral days on Informatics
and Applied Mathematics**

IAM'18

3-4 October 2018

Wednesday 3rd October	
Registration 08H30 – 09H00	
Opening Ceremony 09H00 – 09H30	
Plenary I 09H30 – 10H30 Model Reductions in Large-Scale Fractional Dynamical Systems with Applications Dr. Muhammet Kurulay (Yildiz Technical University)	
Cofee Break 10H30 – 11H00 (Poster)	
Plenary II 11H00 – 12H00 Les Systemes Complexes Prof. Kholadi Mohamed-Khireddine (El Oued University)	
Lunch 12H00 – 13H30	
Sessions 13H30 – 14H45	
Session A1	Session B1
An Agent-based Approach for Dynamic Big Data Processing Zakarya Elaggoune, Ramdane Maamri and Imane Boussebough	Existence of positive solutions of Hadamard fractional differential equations Berhail Amel and Tabouche Nora
Semi-Supervised Framework for the Learning of CBR: Medical Data Application Asma Chebli, Akila Djebbar and Hayet Farida Marouani	Application de la méthode de moyennisation pour des systèmes différentiels ayant un centre isochrone Selma Ellaggoune and Sabrina Badi
Classification using an optimized RBF- Neural Networks Roguaia Siouda, Mohamed Nemissi and Hamid Seridi	Fixed point of four maps in generalized b-metric spaces Safia Bazine
Taxonomy of Authentication Schemes in Internet of Things Yasmine Labiod	Conformable derative of nonlinear fractional systems and styudy of stability Rebiai Ghania
Iterated Local Search for reduced Nurse Rostering Problem (RNRP) Fatima Guessoum and Salim Haddadi	Equations de la dynamique modélisant un modèle sismique Salah Selma
Cofee Break 14H45 – 15H00 (Poster)	

Sessions 15H00 – 16H15

Session A2	Session B2
Agent-based solutions in distance education Rochdi Boudjehem and Yacine Lafifi	Existence and uniqueness of weak solutions for a class of an antiplane contact problem with friction Hacene-Chaouche Soumeya and Dalah Mohamed
A new method of grouping cameras based on overlapping visual fields in wireless multimedia sensor networks Benrazek Ala-Eddine, Farou Brahim and Seridi Hamid	Existence and uniqueness of positive solutions for nonlinear fractional di Tabouche Nora and Berhail Amel
État de l'art sur les systèmes de reconnaissance des expressions faciales Adil Boughida, Mohamed Nadjib Kouahla and Yacine Lafifi	Traitement numérique de la singularité faible de l'équation intégro-différentielle de Volterra Mourad Ghat, Hamza Guebbai
GMM : Improving the process of selecting the best representatives for background subtraction Wafa Nebili, Farou Brahim and Hamid Seridi	Sur les méthodes itératives généralisées Hamza Guebbai, samir Lemita, Mourad Ghat
Détection et élimination d'ombre par une méthode de texture dans les systèmes de vidéo de surveillance Houssam Eddine Rouabhia, Brahim Farou and Hamid Seridi	Sur les équations intégro-différentielles mixtes Hanane Belhirèche, Guebbai, Narimène Aissaoui, Segni Sami
Closure	

Poster

Sur quelques structures complexes de bifurcation d'un système dynamique polynomial Wissame Selmani and Ilham Djalit
New approach to the mixed integral equation of the first kind Nada Bouazila, Imane Hafaidia and Hamza Guebbai
Approximate solution for some hyperbolic equation. Djaghout Manal and Chaoui Abderrezak
New approach to the mixed integral equation Of the second kind Imane Hafaidia, Nada Bouazila and Hamza Guebbai
Approximate solution for fractional diffusion equation with unknown boundary condition Labadla Amel and Chaoui Abderrazek
Convergence of the approximate solitions for the of coagulation-fragmentation for full in dropp Kaidouchi Wahida
Solution globale du système d'équation de la radiation et du mouvement de l'air Bensaad Meryem, Belhireche
Modele d'equation differentielle frationaire avec des impulsions et des conditions non locales Harrat Aicha
Hybrid metaheuristic for optimization job-shop scheduling problem Karima Benhamza