



University of Mustapha Stambouli Mascara
 Faculty of Exact Sciences
DETAILED CONFERENCE PROGRAM
**The 1st International Conference on Artificial
 Intelligence: Theories and Applications**
(ICAITA22)
 November 07th - 08th 2022 Mascara, Algeria



Monday, November 7th, 2022	
09:00* -10:00	Opening Welcom Session
10:00 - 11:00	Keynote presentation 1: Pr. Juan J. Merelo, University of Granada, Spain “Pass it around: complex networks for soccer analysis and prediction”. Chairs: Mohamed Faycal Khelfi, Mohammed Salem
11:00 - 11:30	Break
11:30 - 12:30	Keynote presentation 2: Pr. Leila Ben Ayed, University of la Manouba, Tunisia “Automata and Artificial Intelligence for the development of control systems”. Chairs: Mohamed Debakla, Rochdi Bachir Bouiadjra
Session 1	
14:00 - 17:00	Session: Intelligent Control and Artificial vision Chairs: Abdelkader Fekir Hamza Teggat, Soraya Setti-Ahmed
Room 1	ID-4600: Comparison study of Classification Machine Learning Algorithms for Intelligent ITSC Fault Detection in PMSG. Issam Bahloul, Monia Bouzid and Sejir Khojet El Khil.
	ID-1164: Global Automatic Tuning of Fuzzy Sliding Mode Controller for an Inverted Pendulum: A genetic solution. Mohammed Djaouti Soumia, Malki Mimoun, Salem Mohamed and Khelfi Mohamed Fayçal.
	ID-343: Series Elastic Actuator Cascade PID Controller Design Using Genetic Algorithm Method. Amira Sersar and Mohammed B. Debbat.
	ID- 7685: Expanding Convolutional Neural Network Kernel For Facial Expression Recognition. Mohamed Amine Mahmoudi, Fatma Boufera, Aladine Chetouani and Hedi Tabia.
	ID- 3765: Robust Method for Breast Cancer Classification Based on Feature Selection Using RGWO Algorithm. Ali Mezaghriani, Mohammed Debakla and Djemal Khalifa.
	ID- 6999: Convolution Neural Network based Approach for Glaucoma disease detection. Mustapha Sahraoui, Mohammed Salem and Oussama Smail.
14:00 - 17:00	Session: Artificial intelligence theory Chairs: Kada Benyahia, Hadj Ahmed Bouarara, Mohammed Rebbah
Room 2	ID- 2160: Learning More with Less Data: Reaching the Power-law Limits in Steganalysis using Larger Batch Sizes. Mohamed Benkhetou.
	ID- 3714: A Novel Classification Method for Group Decision-Making Dimensions. Badria Alfurhood and Marius Silaghi.
	ID- 6597: Intelligent cache placement in multi-cache and one-tenant networks. Sara Ameghchouche, Mohammed Amine Mami and Mohamed Faycal Khelfi.
	ID- 8099: Enhanced Grey Wolf Optimizer for Data Clustering. Ibrahim Zebiri, Djamel Zeghida and Mohammed Redjimi.
	ID- 9726: Artificial Orca Algorithm for Solving University Course Timetabling issue. Rahali Abdelhamid and Heraguemi Kameledine.
	ID- 4822: Quantum Natural Language Processing: A new and promising way to solve NLP problems Yousra Bouakba and Hacene Belhadef
*Time is in GMT+1	

Tuesday, November 8th, 2022	
09*:00 -10:00	Keynote presentation 3: Pr. Mostefa Merah, University of Mostaganem , Algeria "Machine Learning for Secure Access Systems and Precision Agriculture" Chairs: Fatima Debbat, Fatma Boufera, Khadidja Yahyaoui
10:00 - 10:30	Break
Session 2	
10:30 - 14:00	Session: Big data Chairs: Sabrina Abid, Cherifa boudia
Room 1	ID- 7662: Offline text-independent Writer Identification using Local Black Pattern histograms. Tayeb Bahram and Réda Adjoudj.
	ID- 9082: Digital Modulation Classification based on Automatic K Nearest Neighbors Classifier. Asmâa Ouessai, Abdelkader Tami and Fatima Zohra Abbou.
	ID- 3510: Improving Multi-class Text Classification using Balancing Techniques. Laouni Mahmoudi and Mohammed Salem.
	ID- 2052: Offline Arabic Handwritten Text Recognition for Unsegmented Words using Convolutional Recurrent Neural Network. Mohamed Amine Chadli, Rochdi Bachir Bouiadjra and Abdelkader Fekir.
	ID- 8734: DeBic: A Differential Evolution Biclustering Algorithm for Microarray Data Analysis. Younes Charfaoui, Amina Houari and Fatma Boufera.
	ID- 395: Analysis of Passive Aggressive Algorithm in Fake News Detection. Fatima Zohra Merzouk and Mohammed Salem.
	ID- 3730: Arabic Machine Translation: a Panoramic Survey. Baligh Babaali and Mohammed Salem.
10:30 - 14:00	Session: Artificial vision Chairs: Meftah Boudjellal, Youcef Fekir
Room 2	ID-361: Deep Multi-Scale Hashing for Image Retrieval (DMSH). Adil Redaoui and Kamel Belloulata.
	ID-5047: Genetic Programming for Screen Content Image Quality Assessment. Naima Merzougui and Leila Djerou.
	ID-6900: A progressive deep transfer learning for the diagnosis of Alzheimer's disease on brain MRI images. Norelhouda Laribi, Djamel Gaceb, Sara Bakiri, Akram Benmira, Amira Tadrist, Abdellah Rezoug, Ayoub Titoun and Fayçal Touazi.
	ID- 2227: Forensic-Based Investigation approach for an enhanced robust and secure image watermarking schemes. Najia Trache, Mohammed Salem and Mohamed Fayçal Khelfi.
	ID- 4555: An Optimized MSER using Bat Algorithm for Skin Lesion Detection. Khadidja Belattar, Mohamed Ait Mehdi, Maroua Ridane and Loubna Ahmed Chaouch.
	ID- 7260: Accurate Detection of Brain Tumor using Compound Filter and Deep Neural Net-work. Praveen Kumar Ramtekkar, Anjana Pandey and Mahesh Kumar Pawar.
	ID- 8573: Bi-ESRGAN: A new approach of document image super-resolution based on dual deep transfer learning. Zakia Kezzoula, Djamel Gaceb, Zineddine Akli, Abdelouaheb Kahouli, Ayoub Titoun and Fayçal Touazi.
14:00 - 14:30	Conference Conclusions and Closing Remarks
*Time is in GMT+1	