

PROGRAM - MAIDSS'22

Thursday, February 2nd, 2023

09:30 - 10:00 **Opening Ceremony (Room 1)**

10:00 - 11:00 **Keynote Speaker 1 (Room 1)**

*Session Chairs: P. Subashini + A. Idrissi + Y. Sayad + A. Bayaga + F. Omary*

**Pr. Rachid ALAMI (France). *Decisional Issues for Cognitive and Interactive Robots***

11:00 - 11:15 **Coffee Break**

**Presentations (10 mn each + 5 mn Discussion)**

11:15 - 13:15 **(Room 2)**

*Session Chairs: P. Subashini + H. Asri + T. Dhivyaprabha + S. Lagrini + Y. Sayad + H. Echoukairi*

11:15	Paper 8778. Anass Bayaga, Lihle Ndlovu and Sylvan Blignaut. Implications of Perceived Ease of Use, Perceived Usefulness, and Self-Efficacy on TVETs' Acceptance of JAWS As an Assistive Computer Application Software.
11:30	Paper 9969. Tt. Dhivyaprabha and P. Subashini. Synergistic Fibroblast Optimization Algorithm for Solving Knapsack Problem.
11:45	Paper 7715. Chahrazad Lagrini. Sarcasm Detection on Social Media using Machine Learning Approach.
12:00	Paper 2486. Youness Boutyour and Abdellah Idrissi. Deep Reinforcement Learning in Financial Markets Context : Review of Open Challenges.
12:15	Paper 5119. Hajjoub Abdelilah, Anas Hatim, Mounir Arioua, Slama Hammia and Antonio Guerrero-González. Fast Yolo V7 based CNN for video streaming Sea Ship recognition and sea surveillance.
12:30	Paper 7148. Dounia Nasir, Anas Hatim, Said Elbeid, Mohamed El-Mehdi Ait Bourkha, Siham Ez-Ziymy and Khalid Zahid. Predicting Blood Glucose Levels in Type 1 Diabetes Using LSTM.
12:45	Paper 7642. Mariame Tarsi, Samira Douzi and Abdelaziz Marzak. Predicting stock price using LSTM and Social Media dataset

13:00 - 14:15 **Lunch (75 minutes)**

**Presentations (10 mn each + 5 mn Discussion)**

14:15 - 16:15 **(Room 3)**

*Session Chairs: A. Bayaga + P. Subashini + F. Omary + A. Ezzahout + H. Benaboud + A. Ouacha + A. Yahyaoui*

14:15	Paper 8675. Khadija El Fellah, Adil El Makrani and Ikram Elazami. Improving the application of Blockchain Technology for Tracking Processes In the Supply Chain Integrated Business Intelligence.
14:30	Paper 8567. Loubna Moujoud, Meryeme Ayache and Abdelhamid Belmekki. Ransomware Detection using Machine Learning & Deep Learning Techniques: A Survey and Research.
14:45	Paper 626. Soukaina Elansari, Hassan Naanani, Abderrahmane Ez-Zahout and Fouzia Omary. Network Slice Isolation in 5G Networks based on Machine Learning : Review and discussion.
15:00	Paper 4353. Meryem Amame, Karima Aissaoui and Mohammed Berrada. Adapting Students' Learning to the E-learning Environment : A Case Study of the Faculty of Letters and Human Sciences Dhar El Mahrzaz Fez

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15:15	Paper 4489. Rabie Madani, Abdellah Idrissi and Abderrahmane Ez-Zahout. A New Context-Based Factorization Machines for Context-aware Recommender Systems
15:30	Paper 6846. Imane El Alama and Hanae Sbai. Customer Journey Map Discovery Approach
15:45	Paper 724. Zakaria Al Bakkari, Ikram El Azami and Adil El Makrani. A bi-LSTM neural network to forecast stock Market index
16:00	Paper 5689. Aicha Er-Rafyg, Abdellah Idrissi and Kaoutar El Handri. Review of Recommendation Systems and their applications in e-learning.

16:15 - 16:30 **Coffee Break**

16:30 - 17:30 **Keynote Speaker 2 (Room 4)**

*Session Chairs: A. Bayaga + H. Asri + Y. Sayad + A. Benhassine + H. Echoukairi*

**Dr. Ajay Malik (USA). Generative Artificial Intelligence (AI): Let AI Create for you**

Friday, February 3rd, 2023

10:00 - 11:00 **Keynote Speaker 3 (Room 5)**

*Session Chairs: Y. Sayad + R. Alami + H. Asri + A. Benhassine + D. Fuschi + A. Ouacha*

**Pr. Vincenzo PIURI (Italy). Artificial Intelligence in Cloud/Fog/Edge Computing and Internet-of-Things**

11:00 - 12:00 **Keynote Speaker 4 (Room 6)**

*Session Chairs: T. Dhivyaprabha + A. Bayaga + F. Omary + T. Velin + H. Echoukairi + M. El Ghmary*

**Pr. Amita KOOPER (India). Reinforcement Learning : Overview and Challenges**

**Presentations (10 minutes each + 5 mn Discussion)**

14:30 - 16:00 **(Room 7)**

*Session Chairs: P. Subashini + H. Asri + S. El Kafhali + N. El Khattabi + M. Benmamoun + M. El Ghmary*

14:30	Paper 9467. Kaoutar El Handri, Abdellah Idrissi and Aicha Er-Rafyg. Map-Reduce Model for TopKWS Recommendation algorithm in Cloud Computing QoS
14:45	Paper 2500. Siham Lamzabi and Kaoutar El Handri. Dynamics behavior of vehicular traffic flow in scale free complex network.
15:00	Paper 9069. Muhammad Mustafa Hassan. Experimenting with Polymorphic Creativity Support Tools to Support Innovation for Participatory Ideation.
15:15	Paper 6701. El Mahdi Mercha, Houda Benbrahim and Mohammed Erradi. Graph convolutional network for multilingual sentiment analysis.
15:30	Paper 6523. Mohamed Aghroud, Lahcen El Bermi, Mohamed Oualla and Abdeslam Jakimi. A comparative study of consensus algorithms used in Blockchain and their adaptation to the IoT networks.
15:45	Paper 6536. Chahinaze Ameer and Sanaa Faquir. A novel concept for optimizing flux performance in hybrid renewable energy systems using Fuzzy-Q-learning algorithm.

16:00 - 16:15 **Coffee Break**

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**Presentations (10 mn each + 5 mn Discussion)**

<b>(Room 8)</b>	
<i>Session Chairs: T. Dhivyaprabha + H. Chaoui + F. Omary + M. Benkhalifa + R. Benaini + Y. Sayad</i>	
<b>16:15</b>	Paper 2314. Abdelali Saidi. Research on Machine Learning and Deep Learning Based Intrusion Detection System.
<b>16:30</b>	Paper 2757. El Asry Chadia, Douzi Samira and El Ouahidi Bouabid. Intrusion Detection System, A New Approach to R2L And U2R Attack Classification
<b>16:45</b>	Paper 7760. Mohamed Abid, Said El Kafhali, Abdellah Amzil and Mohamed Hanini. Unmanned aerial vehicle-assisted clustered wireless sensor network data collection efficiency improvement.
<b>17:00</b>	Paper 2715. Hamza El Mezouari and Fouzia Omary. Studying Consensus Mechanisms for Blockchain and Distributed Ledger Systems.
<b>17:15</b>	Paper 869. Ahmed Gad. PyGAD: An Intuitive Genetic Algorithm Python Library.
<b>17:30</b>	Paper 4102. Mehdi Daldali and Abdelghani Souhar. The Utility of Diacritics for Text Line Segmentation of Handwritten Arabic Documents.
<b>17:45</b>	Paper 8590. Zakariae Alami Merrouni, Bouchra Frikh and Brahim Ouhbi. A deep neural network architecture for extracting contextual information.
<b>18:00</b>	Paper 9824. Ibtissam Assoufi, Ilhame El Farissi and Ilham Slimani. Knowledge management, Tools and activities.

**Short Papers**

**Posters**

Paper 284. Zakaria Belghali and Abdellah Idrissi. Constraint Satisfaction Problem, case study: Haplotype Inference.
Paper 6121. Wiam El Bouchti. Traffic Flow Prediction and Application of Smart City Based on Industry 4.0 and Big Data Analysis.
Paper 7139. Imane El Khammar, Idrissi Abdellah and Mohamed El Ghmary. Comparative analysis of skyline algorithms used to select cloud services on the basis of QoS.
Paper 8428. Hasna Lakrim. Survival Prediction for Nasopharyngeal Cancer Patients using Machine Learning Algorithms.
Paper 9370. Meryem Bouras. A Survey of Parallel Computing : Challenges, Methods, and Directions.
Paper 9534. Said Ouabou, Moulay Ahmed Bekri and Abdeslam Daoudi. School dropout predict using machine learning algorithms
Paper 148. Hasnae Sellak. Chatbot and Artificial Intelligence : Overview and Challenges
Paper 7828. Aicha Er-Rafyq and Abdellah Idrissi. Toward a novel courses recommendation system based on Divide & Conquer and Skyline BNL algorithms.
Paper 1493. Moulay Ahmed Bekri, Said Ouabou and Abdeslam Daoudi. Design and Construction of a Smart Agricultural Greenhouse
Paper 4986. Abdeslam Daoudi, Moulay Ahmed Bekri and Said Ouabou. Implementation and Management of a Home Automation Control System (Smart Home)

**18:15 - 18:30 Discussion, Networking & End of the Conference**