



The 6th International Conference on Business
Intelligence,

May 27 - 29, 2021, Beni Mellal, Morocco



جامعة السلطان مولاي سليمان
Université Sultan Moulay Slimane

May 27, 2021

Morning

09:00	Opening & Welcome from discussion Panel members
09:45	Plenary session 1: "Intelligent Systems on Paper Currency Recognition" Muhammad Sarfraz (Chair M. FAKIR / R. EL AYACHI)
10:45	Session_01: Decision Support, Information Systems And NLP

Afternoon

15:00	Plenary session 2: "Artificial Intelligence and Humans" Mohamed Quafafou (Chair M. NACHAOUI / Y. EL MOURABIT)
16:00	Session_02: Big Data, Datamining, Web Services & Optimization

May 28, 2021

Morning

09:00	Plenary session 3: "Towards a robust IoT" Francoise Sailhan (Chair M. ERRITALI / H. ZOUGAGH)
10:00	Session_03: Signal, Image, Networking and Cloud Computing

Afternoon

15:00	Plenary session 4: "Optimization to machine learning: theory and applications" Karim Elmoutaouakil (Chair Y. SAADI / A. EL MOUFIDI)
16:00	Session_04: Decision Support, Information Systems And NLP
18:00	Closing



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SESSIONS

SESSION 01: DECISION SUPPORT, INFORMATION SYSTEMS AND NLP

Chair: M. NACHAOUI / J. ANTARI

Otman Maarouf	Part-of-Speech Tagging Using Long Short Term Memory (LSTM): Amazigh Text Written in Tifinaghe Characters
Imad Jamaledyn	Contribution to Arabic Text Classification Using Machine Learning Techniques
Youness Madani	Analyzing Moroccan Tweets to Extract Sentiments Related to the Coronavirus Pandemic: A New Classification Approach
Asmaa Cheddak	Towards a Support System for Brainstorming Based Content-Based Information Extraction and Machine Learning
Chaima Ahle Touate	Classification of Documents Using Machine Learning and Genetic Algorithms

SESSION 02: BIG DATA, DATAMINING, WEB SERVICES & OPTIMIZATION

Chair: A. MAHMOUDI / L. AFRAITES

Hicham Ouchitachen	Selection of Composite Web Services Based on QoS
Fatima Es-sabery	A MapReduce Improved ID3 Decision Tree for Classifying Twitter Data
Youssef Fakir	Clustering Techniques for Big Data Mining
Mohamed Azalmad	Data Mining Approach for Intrusion Detection
Abdellatif Semmouri	Markov Decision Processes with Discounted Rewards: New Action Elimination Procedure
Farouk Ouatik	Learning Management System Comparison: New Approach Using Multi-Criteria Decision Making
Mouna Azariz	Finding Agreements: Study and Evaluation of Heuristic Approaches to Multilateral Negotiation

SESSION 03: SIGNAL, IMAGE, NETWORKING AND CLOUD COMPUTING

Chair: N. IDRISSE / M. EL KAMILI

Saadia Nemmaoui	A New Approach Based on Steganography to Face Facial Recognition Vulnerabilities Against Fake Identities
Rachid Fateh	Mean Square Convergence of Reproducing Kernel for Channel Identification: Application to Bran D Channel Impulse Response
Bouchra El Akraoui	Deep Learning for Medical Image Segmentation
Abdelkarim Ait Temghart	Optimal Virtual Machine Provisioning in Cloud Computing Using Game Theory
Elhassania Rouan	Comparative Study Between RFID Readers Anti-collision Protocols in Dense Environments
Abdelkarim Ait Temghart	Game Theoretic Approaches to Mitigate Cloud Security Risks: An Initial Insight
Es-said Azougaghe	Comparative Study on the McEliece Public-Key Cryptosystem Based on Goppa and QC-MDPC Codes
Abderrahim Salhi	Optimization of Leach Protocol for Saving Energie in Wireless Sensor Networks



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SESSION 04: DECISION SUPPORT, INFORMATION SYSTEMS AND NLP

Chair: C. DAOUI / M. ERRITALI

Houssam El Aouifi	Toward Student Classification in Educational Video Courses Using Knowledge Tracing
Juienze Melchior Magolou-Magolou	Assessment of Lifestyle and Mental Health: Case Study of the FST Beni Mellal
Mouhcine El Hassani	The Search for Digital Information by Evaluating Four Models
Driss El Alaoui	Overview of the Main Recommendation Approaches for the Scientific Articles
Moulay Amzil	Online Students' Classification Based on the Formal Concepts Analysis and Multiple Choice Questions
Salma El Anigri	How BERT's Dropout Fine-Tuning Affects Text Classification?