

Conference Agenda

Day 1: Wednesday, April 25, 2018			
09:00	Registration and Reception - Conference room hall		
10:00	Opening & Welcome from discussion Panel members - Conference room		
10:30	Opening Session - Plenary session 1: Suliman Hawamdeh "Analytics and Knowledge Management" - Conference room		
11:00	Morning Coffee Break / Photograph Session;		
11:30	Session CBI18_1.1 Database And Web Environment - Conference room		
13:00	Lunch Break		
15:00	Opening Session - Plenary session 2: Hamza Zidoum "Optimal Cut-off Point of HOMA-IR for Predicting Insulin Resistance among Omani: a Machine Learning Approach" - Conference room		
15:30	Afternoon Coffee break + Poster Paper Session PS1 - Conference room hall		
16:00	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Session CBI18_1.2: Database And Web Environment - Conference room</td> <td style="width: 50%;">Session CBI18_1.3: Optimization And Decision Support - Room A</td> </tr> </table>	Session CBI18_1.2: Database And Web Environment - Conference room	Session CBI18_1.3: Optimization And Decision Support - Room A
Session CBI18_1.2: Database And Web Environment - Conference room	Session CBI18_1.3: Optimization And Decision Support - Room A		

Day 2: Thursday, April 26, 2018	
9:00	Registration and Reception - Conference room hall
9:30	Plenary session 3: Muhammad Sarfraz "Splines & Graphics" - Conference room
10:00	Session CBI18_2.1: Telecommunications & Networking - Conference room
11:30	Morning Coffee Break + Poster Paper Session PS2 - Conference room hall
12:00	Session CBI18_2.2: Signal, Image And Video Processing - Conference room
13:30	Lunch Break
15:00	Opening Session - Plenary session 4: Mostafa Abd-El-Barr "Reliable and fault tolerant computer systems design" - Conference room
15:30	Plenary session 5: Radouane KHOULAF "Legal protection of copyright in cyberspace" - Conference room
16:00	Session CBI18_2.3: Telecommunications & Networking - Conference room
17:30	Afternoon Coffee break + Poster Paper Session PS3 - Conference room hall
18:00	CBI18 _ Best Papers Award and Closing

Kynote Speeches

Keynote Speech 1:	Title: Analytics and Knowledge Management, Author: Professor Suliman HAWAMDEH.
Keynote Speech 2:	Title: Optimal Cut-off Point of HOMA-IR for Predicting Insulin Resistance among Omani: a Machine Learning Approach, Author: Hamza Zidoum
Keynote Speech 3:	Title: Splines & Graphics, Author: Professor Muhammad SARFRAZ.
Keynote Speech 4:	Title: Reliable and fault tolerant computer systems design, Author: Mostafa Abd-El-Barr.
Keynote Speech 5:	Title: Legal protection of copyright in cyberspace, Author: Professor Radouane KHOULAFI.

Oral Sessions

SESSIONS 1.1: DATABASE AND WEB ENVIRONMENT

Chair: Abdellatif Hair

Y. Madani	A Hybrid Multilingual Sentiment Analysis Based on Fuzzy Logic and SentiWordNet
A. Erraissi	A Meta-modeling Approach for Hadoop Storage Big Data layer
M. Banane	Distributed & Scalable RDF management system based on NoSQL
B. Jabir	From Big Data to Smart Data: A real-time Data Analytics Approach for Decision Making
S. Sebaoui	Challenges of ITIL Implementation Approaches
A. El Hadi	Improved results of an OCR via TLN using MapReduce framework

SESSION 1.2: DATABASE AND WEB ENVIRONMENT

Chair: Najla Idrissi

L. Rabhi	Big Data Approach at the Service of Business Process Management
A. Amine	Application of data mining to the classification of students in the University of Beni Mellal, Morocco
J. Kachaoui	Data Lake Vs Data Warehouse: comparative study and key differences
M. Kebe	Multi-agent based approach for address geocoding in poorly mapped areas through public company data
M. Oubezza	An Incremental and Distributed Inference Method for Large Scale Ontologies using Hadoop and SPARK
F. Kalna	A meta-model for diverse data sources in Business Intelligence
J. Oukrich	Words cloud for Opinions Analysis of the University Library Readers'

SESSION 1.3: OPTIMIZATION AND DECISION SUPPORT

Chair: Cherki Daoui

C. Mouncif	Optimization of the logistics system for the distribution of petroleum products with ERP system in Morocco
B. El Akraoui	Dynamic programming and finite horizon Markov Decision Processes
A. Larach	Topological Reinforcement Learning Algorithm for Robot Navigation in an Initially Unknown Environment
I. Ouaadi	Audit of Information Systems risk-based approach: Between the ambiguity of reference systems and the contribution of fuzzy sets theory.
R. Khalloufi	A comparative Study on Indexing Techniques

**The 4th International Conference on Business Intelligence,
April 25 - 27, 2018, Beni Mellal, Morocco**

Y. Ouadid	Graph based Multiple Classifier System for Offline Tifinagh OCR
Y. Rachidi	Convolutional Neural Networks and Random Forest for Recognition Image obtained by camera phone

SESSION 2.1: TELECOMMUNICATIONS & NETWORKING

Chair: Hicham Zougagh

D. Ait Omar	When Bargaining Game is Key in the Internet Content Delivery Chain
M.El Amrani	Impact of the Selfish Behavior of Users in a Stackelberg TCP Connection Game
M. Marwan	Proposal for a Secure Data Sharing and Processing in Cloud Applications for Healthcare Domain
A. Ennaciri	Contribution to the improvement of the Quality of Service over Vehicular ad-hoc Network
K. Touya	Competition over reputation in social networks
H. Moudni	Intrusion Detection in MANETs using Machine Learning Approaches

SESSION 2.2: SIGNAL, IMAGE AND VIDEO PROCESSING

Chair: Mourad Nachaoui

A. Tiarimti-Alaoui	Image denoising using efficient diffusion coefficient and suitable adaptive threshold
M. Outanoute	A Comparative Study of Generalized Regression Neural Network Approach and Adaptive Neuro-Fuzzy Inference Systems for Predicting Greenhouse Climate
M. Ouhda	content based medical image retrieval combined SIFT descriptor and SVM classifier
A. Maarir	Unsupervised Change Detection in Satellites Images based on Independent Component Analysis and Fuzzy Clustering
K. Taifi	An Automatic Detection and Classification of Mass from Mammograms using NSCT, DWT and GLCM
A. Elbalaoui	Automatic Detection of Microaneurysm in Fundus Images
Y. Ait Lahcen	Comparison of SVG path transformations using Bezier approximation and Hausdorff Distance

SESSION 2.3: TELECOMMUNICATIONS & NETWORKING

Chair : Hicham Mounicif

A. Chafloque	Programmable logic controller, output type relay, based on Arduino
D. Ait Omar	Analyzing the Customers Confusion in Telecommunication Networks: A Game Theoretic Approach
H. Garmani	A dynamic duopoly game with CPs bounded rationality.
K. Ghoulam	The implementation of a laboratory for online practical work using smart sensors: project charter and applications
R. Zoubairi	Enabling heterogynous QoS sensitive service discovery for smart ambient systems.
Y. Oukessou	Comparative uplink Throughput of IEEE 802.11ah and LoRaWAN Networks in NS-3
E. Azougaghe	Iteratif Decoding of GPCB-Codes based on RS codes using the modified Chase-Pyndiah algorithm.
S. Elkassimi	Blind Identification and Equalization of Radio Mobile Channel

Poster Sessions

SESSION PS1: TELECOMMUNICATIONS & NETWORKING

Chair: Mohamed Baslam

Y. Bagoun	VANET: Algorithms and applications
A. Ben Charke	Measurement of the security for an information system
H. Cherkaoui	Cache replacement algorithm based on popularity prediction in content delivery networks
M. Outanoute	Analysis of Caching Game between Selfish Content Providers
I. Badi	Supervised Identification and Equalization of a Linear Systems Using Reproducing Kernel Hilbert Space
I. Badi	A new Approach Based on Higher Order Statistics Applied to Blind Identification and Equalization of a Transmission Channel
A. Khanouchi	A Multi-Parameters Spatial Biasing Technique with Monte Carlo Method used in Neutron Transport and Transmission through Protection Shields
M. Boutalline	Impulse response identification for frequency radio channels and equalization MC-CDMA systems using kernel algorithm

SESSION PS2: OPTIMISATION AND IMAGE PROCESSING

Chair: Rachid El Ayachi

L. Bouhou	A geometric method for facial recognition in a joint paper
A. Lamani	Automatic Learning techniques application for prediction in OLAP Cube
H. Hatimi	Detecting and Tracking a Moving Object in a Dense Environment
S. Boukil	Arabic Text Classification Using Deep Learning Technics
O. Maarouf	A new Approach of Natural Language Processing to correct the Result of an OCR
M.A. Ziad	Classification of Brain Tumor from Magnetic Resonance Imaging Using Convolutional Neural Networks
M. Gouskir	Deep learning based segmentation of Multiple sclerosis Using Convolutional neural networks
A. M. Aljamali	Classification of Islamic Geometric Patterns

SESSION PS3: DATABASES AND WEB ENVIRONMENT

Chair: Mohamed Erritali

F. Tahtoub	Semantic web of things: for sharing knowledge between distributed systems and IOT components.
M. Biniz	Arabic word2vec model based on big data
N. Falih	Using Galois Lattices for IT Resource Management as a pillar of Information Systems Governance
O. Elhoucine	Apriori and FP-Growth algorithms in generating association rules
B. Moustaid	Ontological approach for the management of competences
Y. Fakir	Clustering using k-means and Apriori Algorithm
S. Khalil	Multi-agent focused web crawler, Design and implementation

SESSION PS4: OPTIMISATION

Chair: Youssef Elmourabit

A.Semmouri	Constrained Discounted Markov Decision Processes : The decomposition method
A.Semmouri	Discounted markov decision processes with fuzzy rewards
A. El Alami	A Genetic Algorithm for QoS-award web Services composition using Pareto dominance