

**The 3<sup>rd</sup> International Conference on Business Intelligence,  
March 29 - 31, 2017, Beni Mellal, Morocco**

## Conference Agenda

### Day 1: Wednesday, March 29, 2017

09:00	<b>Registration and Reception;</b> <a href="#">Conference room hall</a>	
10:00	<b>Opening &amp; Welcome from discussion Panel members;</b> <a href="#">Conference room</a>	
10:30	<b>Opening Session - Plenary session 1:</b> Kayyali Mohamed <b>"Big Data and NanoSatellites"</b> ; <a href="#">Conference room</a>	
11:00	<b>Morning Coffee Break / Photograph Session;</b>	
11:30	<b>Session CBI17_1.1: Signal, Image and Video processing</b> - <a href="#">Conference room</a>	
13:00	<b>Lunch Break;</b> <a href="#">Room101</a>	
15:00	<b>Session CBI17_1.2: Database and Web environment processing</b> - <a href="#">Conference room</a>	<b>Session CBI17_1.3: Signal, Image and Video processing</b> - <a href="#">Room102</a>
16:30	<b>Afternoon Coffee break + Poster Paper Session PS1;</b> <a href="#">Conference room hall</a>	
17:00	<b>Session CBI17_1.4: Optimization and Decision processing</b> <a href="#">Conference room</a>	<b>Session CBI17_1.5: Natural Language Processing</b> - <a href="#">Room102</a>

### Day 2: Thursday, March 30, 2017

9:30	<b>Registration and Reception;</b> <a href="#">Conference room hall</a>	
10:00	<b>Plenary session 2:</b> Muhammad Sarfraz <b>"A Novel Approach for Designing Amazigh Fonts"</b> ; <a href="#">Conference room</a>	
10:30	<b>Session CBI17_2.1: Bioinformatique Engineering</b> - <a href="#">Conference room</a>	
11:45	<b>Morning Coffee Break + Poster Paper Session PS2;</b> <a href="#">Conference room hall</a>	
12:00	<b>Session CBI17_2.2: Imaging Application</b> <a href="#">Conference room</a>	<b>Session CBI17_2.3: Networking</b> - <a href="#">Room102</a>
13:20	<b>Lunch Break;</b> <a href="#">Room101</a>	
15:20	<b>Session CBI17_2.4: Web environment-</b> <a href="#">Conference room</a>	<b>Session CBI17_2.5: Telecommunications &amp; Networking</b> - <a href="#">Room102</a>
16:50	<b>Afternoon Coffee break + Poster Paper Session PS3;</b> <a href="#">Conference room hall</a>	
17:10	<b>Session CBI17_2.6: Signal processing</b> - <a href="#">Conference room</a>	<b>Session CBI17_2.7: Telecommunications &amp; Networking</b> - <a href="#">Room102</a>
18:40	<b>CBI17 _ Best Papers Award and Photograph Session</b>	

### Day 3: Friday, March 31, 2017

9:00	<b>Registration and Reception;</b> <a href="#">Conference room hall</a>	
9:30	<b>Session CBI17_3.1: Optimization and Imaging Application</b> - <a href="#">Conference room</a>	
11:30	<b>CBI17_ Special Interest Group: Collaborative Research Meeting;</b> <a href="#">Conference room</a>	
12:30	<b>Conference Closing</b>	
13:15	<b>Lunch Break;</b> <a href="#">Room101</a>	

## **Content :**

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### **Plenary session 1: Kayyali Mohamed**

Big Data and NanoSatellites

### **Session CBI17\_1.1: Signal, Image and Video processing**

Detection and Recognition of the Faces in the Mixed Document

Study of an Inverse Problem in Image Reconstruction

Classification of Mathematical Expressions for Visually Impaired Persons

### **Session CBI17\_1.2: Database and Web environment**

Approach founded on software components

Optimization of the logistics system for the distribution of petroleum products with ERP sytème in Morocco

Migrating Association in Object Relational Database into UML class

RCrawler : An R package for parallel web crawling and web scraping

### **Session CBI17\_1.3: Signal, Image and Video processing**

Implementation of an Image Compression System Using Neural Network

A Content Based Image Retrieval Method Based on K-means Clustering Technique

Pascal's algorithm For the Extraction of frequent itemsets

The resonant frequency determination of a microstrip patch antenna using ANN and analytical methods

### **Session CBI17\_1.4: Optimization and Decision support**

Portfolio optimization using the peinguns search optimization Algorithm

Particle Swarm Optimization of BP-ANN Based Soft Sensor for Greenhouse Climate

A Simulation of Neutron Transport by The Monte Carlo Method and using a multi-parameters spatial biasing technique

Blind Channel Equalization by Adaptive Filter Algorithms

A Markov Decision Model for Area Coverage in Autonomous Demining Robot

### **Session CBI17\_1.5: Natural Language Processing**

Arabic Stemmer Based Big Data

Base de données de corpus oraux : Applications

Handwritten Tifinagh Character Recognition using graphs

Optimizing Ontology Alignments by using Neural NSGA-II

### **Plenary session 2: Muhammad Sarfraz**

A Novel Approach for Designing Amazigh Fonts

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**Session CBI17\_2.1: Biomedical Engineering**

Markovian Segmentation of Brain Tumor MRI Images

Exudates detection in fundus images using Mean Shift and adaptive thresholding.

Geodesic Distance On Riemannian Manifold Using Jacobi Iterations In 3d Face Recognition System

Proteomic study to predict colon cancer - Data mining approach

**Session CBI17\_2.2: Imaging Application**

Two-Dimensional Face Surface Analysis using Facial Feature Points Detection Approaches

Decision Making System for Remote Laboratory using Data Mining Algorithm

Word and Sub-Word Arabic Font Size and Style Recognition Using Majority-Vote of Different Classifiers

New Trends In FOREX Speculation: Literature Review

**Session CBI17\_2.3: Networking**

Analyse the Economic Relationship Between Content Provider and Internet Service Provider in the Internet

The Competition Between ISPs in Presence of the Net Neutrality

Customers and Rational Choice of Services Providers In Telecommunication Market: Resolution by Inverse Problems Theory

Development of Parallel-Distributed Images Processing System using Multimedia Sensor Networks

Towards Emergency Transportation Improvement Based Vanet by using Traffic Congestion Detection

**Session CBI17\_2.4: Web Environment**

XSD2OWL2: Automatic mapping from XML Schema into OWL2 Ontology

Web service for incremental and automatic data warehouses fragmentation

Analysis of Competition Fronting the Popularity of Content in Social Networks

Elaboration of a Data Warehouse and XML Documents Warehouse for OLAP analysis

**Session CBI17\_2.5: Telecommunications & Networking**

Dual Metal Gate-Graded Channel-Dual Oxide Thickness of Surrounding Gate MOSFET:

Analytical models of the threshold voltage and DIBL

Energy Optimization of Routing Protocols in Wireless Sensor Networks

An agent architecture for QoS-based web service composition using the skyline algorithm

A Blind Identification algorithm using PCA and Fuzzy Numbers methods

**Session CBI17\_2.6: Signal processing**

Nonlinear Approach to CDMA Communication Systems

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Indicators of a Platform Decision-making for the High Commission for Water and Forests and the Fight against Desertification (HCWFFA)

Improving Performance of Mobile Ad Hoc Network Using Clustering schemes

Codes, Matrices and Graphes

**Session CBI17\_2.7: Telecommunications & Networking**

Competition Analysis Between Content Providers in the Internet Market

Intrusion Detection System in Mobile Ad-hoc Networks using Machine Learning Techniques

A review of mobile ad hoc networks : modelization, application and data routing evaluation

Semantic security policy for mobile agents system

**Session CBI17\_3.1: Optimization and Imaging Application**

Geometric Pattern Design Using Computer Graphics

A Framework to Secure Medical Image Storage in Cloud Computing Environment

Cloud-Based Medical Image Processing: Security Issues and Mitigation Strategies

An OWL-DL Ontology Alignment System

Prevalence Of Thyroid Cancer: Intelligent Technique Modeling

**Poster Paper Session PS1**

Big Data & Business Intelligent For Telecommunication Network Management

IPS open source for Virtual infrastructure monitoring

Extracting of itemsets by« Split and Merge » and « Recursive Elimination » Algorithms

Extracting itemsets frequents by APRIORI-APRIORITID-ECLAT algorithms

Bagging and Random forests, Adaboost

New approach for classification of eye based on fuzzy logic

Approach of Building a XML Documents Warehouse

Enterprise Resource Planning: Introductory Overview

Data set for the detection of citrus disease

**Poster Paper Session PS2**

Blowfish Encryption Algorithm For Information Security

Algorithms C4.5, CART and CHAID

Extraction algorithms of frequent patterns

Discovering Frequent, Closed And Maximal Frequent Itemsets Apriori, Close, Max-Miner

Towards an inteligen users recommendation system in E-learning

A new segmentation of 3D objects based on the Fitting Primitives algorithm with a comparison of segmented 3D objects in 2D view

Wirless Sensor Network: Architecture, Applications, Constraints and Topologies

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**Poster Paper Session PS3**

Towards Emergency Transportation Improvement Based Vanet by using Traffic Congestion Detection

On the convergence of statistical learning Algorithms (Bernstein VS. Hoeffding)

Identification and equalization of Radio Communication Channels using Cumulants Compared with Kernel methods

Optimization of Si solar cell efficiency using finite difference method

Radio Over Fiber link for Wireless communications

Sequential Pattern Mining: Study and Comparison between GSP and SPADE

Algorithms: APRIORI, CLOSE, A-CLOSE, CLOSET, GENERIC, CHARM and TITANIC