1st International Conference

1st International Conference
In Computing, Information Technology and Business Applications
(ICCITBA)

Conference Agenda

Organized by:
Faculty of Information Technology
"Aleksandër Moisiu" University, Durrës
and
Canadian Institute of Technology

6 May 2017
Durrës, Albania

SCIENTIFIC COMMITTEE

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Mounir SAYADI - Signal & Image Processing Lab., ENSIT, Tunisia
PhD. Dritan SILIQI - Researcher at the CNR Institute of Crystallography, Bari, Italy
Ridvan NEPRAVISHTA - Researcher at Tor Vergata University, Rome, Italy
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Prof. Dr. Gëzim KARAPICI - Faculty of Engineering, CIT
PhD. Albana HALILI - Faculty of Information Technology, UAMD
Assoc. Prof. Vaso QANO - Lecturer, Canadian Institute of Technology
Phd. Eldi METUSHI - Canadian Institute of Technology
Dr. Altin KULLI - Canadian Institute of Technology
PhD. Admir BAROLLI - Faculty of Information Technology, UAMD
PhD. Albana DEMI - Head of CIRD Economy, CIT
PhD. Elda CINA - Head ITD, of Faculty of Information Technology, UAMD
PhD. Osman HYSA - Head of MD, Faculty of Information Technology, UAMD
Assoc. Prof. Jozef BUSHATI - "Luigj Gurakuqi" University of Shkodra
PhD. Luçiana TOTI - Faculty of Information Technology, UAMD
PhD. Valmira OSMANAJ – Head of MIS Department, Business Administration College, American University of Middle East

AGENDA SUMMARY

09:30-10:00	**Participants registration and networking**
10:00-11:30	**Opening Ceremony**
11:30-12:00	**Coffee Break**
12:00-13:30	**Parallel Sessions I**
13:30-14:30	**Parallel Sessions II**
14:30-15:30	**Lunch**
15:30-16:00	**Poster Session**
16:00-17:30	**Parallel Sessions III**
17:30-18:30	**Closing Ceremony**
18:30-20:00	**Tourism Trip in Durrës**

OPENING CEREMONY - Conference Room

Moderator: Prof. Dr. Sokol ABAZI

Keynote Speakers:

Prof.Dr. Kseanela SOTIROFSKI - Rector of "Aleksandër Moisiu" University

Prof.Dr. Eng. Habib HAMAM - Faculty of Engineering, Université de Moncton, NB, Canada

 Prof.Dr. Dritan SILIQI - CNR Institute of Crystallography, Bari, Italy

Mr. Geron KAMBERI – General Director, AKTI

Mr. Ardian GURRA – Director of Culture, Municipality of Durrës, Albania

Assoc.Prof. Lindita MUKLI - Dean,Faculty of IT,UAMD

Sponsors Rapresentative

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Edmira XHAFERRA - Faculty of Information Technology, UAMD
Besarta TAFA - Researcher, Canadian Institute of Technology
Ibrahim ÇEKIRRI - IT specialist, Canadian Institute of Technology
Eris ZEQO - Faculty of Information Technology, UAMD

PARALLEL SESSIONS I (12:00-13:30)

AUDITOR 309

Topic: **Technology Trends & Industrial Electronics**
Moderator: **Prof. Dr. Eng. Habib HAMAM, PhD. Meral ARI**

Technology trend in the field of electrical drives - L. NAKUÇI, A. SPAHIU, E. JAUPI

Computational screening of tetra phenoxy-substituted phthalocyanines as bulk heterojunction solar cell materials - Phd. Meral ARI

Network increased airspace capacity - waten - Ilir MEHMEDI, Muhamed KRASNIQI

Optimized energy recovery from used batteries before recycling - J. CHAKROUN, Prof. Dr. Eng. Habib HAMAM

A new 1-to-N smart wireless display - Y. LAZZEZ, Prof. Dr. Eng. H. HAMAM

Interactıve system based on a camera-projector and ınfrared poınter motıon detectıon - Amal KILANI, Prof. Dr. Eng. Habib HAMAM

Low-cost Portable Video Transmission System Based on Visible Light Communication - A. JEBALI , Prof. Dr. Eng. Habib HAMAM

Some Advantages in Using the Septenary Numeral System - PhD. Afrim ALIMETI

AUDITOR 311

Topic: **Mathematics**
Moderator: **Doc. Vladimir MUKA, PhD. Osman HYSA**

Theory of ordered semigroups from a categorical Prospect - Aida SHASIVARI, Assoc.Prof. Elton PASKU

Comparıng between ordered monoıds and ordered monoıds of upper sets - Phd. Anjeza PASKU, Assoc.Prof. Elton PASKU

Uncertain fuzzy hermite - hadamard type inequalities for generalized (s,m,φ) - preinvex godunova - levin functions of the second kind - A. KASHURI, M. RAMOSAÇAJ, R. LIKO

On inverse Γ - rings - Orgest BEQIRI, Prof.Dr. Petraq PETRO

A fixed point theorem in quasi-2-banach space - Phd. Silvana LIFTAJ, Luljeta GJONI, Doc. Mimoza KARAFILI

Homological finiteness conditions for monoids - Blerina BOÇI, Dorina GUXHOLLI, Fabiana MUHARREMI, Doc. Neime GJIKAJ

A discussion on Grobner Basis Theories - Fabiana MUHARREMI

CONFERENCE ROOM (AUDITOR 310)

Workshop
Topic: **Business development through social learning**
Moderator: **Vlad POP (Crystal System)**

PARALLEL SESSIONS II (13:30-14:30)

AUDITOR 309

Topic: **Intelligent Systems & Machine Vision**
Moderator: **PhD. Dritan SILIQI, PhD. Ilir Juniku**

A neural network applıcatıon for control performance ımprovement ın tıme delay systems - PhD. Ilır JUNIKU

Inverse reinforcement learning for computing navigation actions from demonstrations - Evis PLAKU

A real-time system for number recognition using kinect device - Eriglen GANI, Klajdi HARIZI

Combinations of Real time LabVIEW models with Physical systems - Gentian DUME, Prof. Dr. Gëzim KARAPICI

Estimating travel dynamics to reduce vehicle usage for short–distance routes in urban areas - Alban RAKIPI, Joana JORGJI

AUDITOR 311

Topic: **Applied Mathematics & Statistics**
Moderator: **Assoc.Prof. Lindita MUKLI, Assoc.Prof. Vaso QANO**

Using the surrogate variables for the missclassification values in dtreg and weka package - PhD. Daniela HALIDINI, Doc. Neime GJIKAJ, PhD. Evgjeni XHAFAJ, PhD. Robert KOSOVA

Classification of the factors influencing household expenditure according to cart method. A case study in the albanian households - Phd. Evgjeni XHAFAJ, Assoc. Prof. Lindita MUKLI, Phd. Daniela HALIDINI, Msc. Dorina GUXHOLLI,

Measuring resilience: case study on communalities involved in flooding Italian ombrone river. **A multi-criteria approach –** *PhD. Antonino SCARELLI*

Forecast in business using numeric method - B. MYRTO, A. KAZIU, E. NAKA

Identıfyıng an optımal facılıty locatıon for a collectıon centers – A. Basholli

CONFERENCE ROOM (AUDITOR 310)

Workshop
Topic: **Opportunities in online / digital marketing**
Moderator: **Gjergji HAMITI (Local Web)**

POSTER SESSION (15:30-16:00)

Application of poisson processes in decision making, forecasting and cost managing for companies operating with real-time data - *Emiliano Mankolli, Anxhela Gjeçka, Alsa Kaziu, Aida Bitri*

Sax algorithm for consumer price index: The best algorıthm for the sequence - *Anxhela Gjeçka, Alsa Kaziu, Edjola Naka , Krisel Tola*

EFFICIENT CALCULATION OF TRIGONOMETRIC FUNCTIONS USING CORDIC ALGORITHM - Ajakida Eski

he accuracy of data transmitted in WSN-s for Healthcare applicatıons - *Sonila Halili, Edmira Xhaferra, Aida Bitri*

PARALLEL SESSIONS III (16:00-17:30)

AUDITOR 309

Topic: **Business Application**
Moderator: **PhD. Albana DEMI, PhD. Eldi METUSHI**

The effect of tax regime change into middle income and poor households; a microsimulation analyses using HBS 2008-2014 - *PhD. A. DEMI, M. AGOLLI*

The organızatıon of computerızed accountıng ın terms of an entıty - *B. TAFA, Gj. TAFA*

Company activity on facebook. The case of albanian companies - *PhD. E. METUSHI, PhD. B. SHIMA, S. AHMETI*

Social impact of financial crisis – the case of Greece - *J. PUCI*

Customer preference for red meat perchuase in albania based on theır ıncome levels - *F. LASHI*

Broadband signal from the point of view of users in Tirana, Albania - *PhD. N. TEREZI, PhD. E. TEREZI*

PARALEL SESSION III

16:00-17:30

AUDITOR 311

Topic: Information Systems & Security
Moderator: PhD. Alma STANA, PhD. Luçiana TOTI

Choosing the best variant of classification algorithms in data mining -
E. NAKA, PhD. S. BUSHATI, E . MANKOLLI, A. GJEÇKA

Higher education contribution and approach toward government public
services delivery: Retirement Calculation Software - Case Study - I. ÇEKIRRI,
F. LASHI

The influence of information technology on sectorial efficiency: A stochastic
frontier approach - M. AGOLLI, E. DEMAJ

Secure banking transactions through a hardware - software combined solution
- T. YAICH, Prof. Dr. Eng. H. HAMAM

Accurate Secure Passive RFID Based Fueling System- R. ZAYOUD,
Prof. Dr. Eng. H. HAMAM

RFID-based smart system monitoring parking areas - F. KALLEL,
Prof. Dr. Eng. H. HAMAM

CONFERENCE ROOM (AUDITOR 310)

Topic: Student Session
Moderator: Aida BITRI, Eris ZEQO

Docker integration in the development workflow - *Albi ABDYLI*

Denial of Service Explaining and testing DOS on a server - *Fatmir PRENGA,*
Daniel MUCA

Social media risks and safety – a study done among children aged 12-16 in
Durres – *Paola TOPI, Ingrit KAU*

Nanotechnology on the Horizon - *Anila MEHMETI*

Management of Renewable Sources of Energy for a Sustainable Economic
Development - *Luciana TOTI, Klesta TOTI*

Android penetration using Kali Linux - *Fabion SULI, Serjan MUKA,*
Rovena DEVOLE

Secured wireless - *Kejvi SHTAMA*