



2nd Global Conference on Computer Science, Software, Networks and Engineering (COMENG-2014)

06-08 November 2014

Efes Sürmeli Hotel & Convention Center, Kuşadası – İzmir, Turkey

Programme

Sponsors

Near East University

Akdeniz University

University of Kyrenia

Global Journal on Technology

Global Journal on Computer Science

Global journal on Information Technology

Association for Human, Science, Nature, Education and Technology (AH-TEC)

Organization

Academic World Education and Research Center

Non-profit international organization

www.awer-center.org

PROGRAMME

IMPORTANT EVENTS

06 November 2014	
08:00 – 19:00	Registration

Opening Ceremony	
06.11.2014 14:00 – 15:00	Assoc. Prof. Dr. Özcan Asilkan, <i>Akdeniz University, Turkey</i> (Chair of COMENG 2014) Prof. Dr. Kobus Maree, <i>Pretoria University, South Africa</i> Prof. Dr. Hüseyin Uzunboylu, <i>Near East University, North Cyprus</i> (President of AWER-CENTER)

TIME	TITLE	SPEAKER	HALL NAME
06.11.2014 15:00 – 16:00 Keynote 1	"Real time big data analytics"	Prof. Dr. Adem Karahoca Head of Software Engineering Faculty of Engineering Bahcesehir University, Istanbul – Turkey	

16:00 – 16:20	Coffee Break
---------------	---------------------

TIME	TITLE	SPEAKER	HALL NAME
07.11.2014 11:30 – 12:15 Keynote 2	"Mobile learning and applications"	Prof. Dr. Hüseyin Uzunboylu Dean of Education Faculty Near East University North Cyprus	

12:00 – 13:20	Lunch Break
---------------	--------------------

Free Historical Places Tour	
09.11.2014 09:00 – 17:30	Ephesus Ancient City, The House of Virgin Mary & Sirince Village

06 / 11 / 2014, Thursday

Opening Ceremony	
06.11.2014 14:00 – 15:00	Assoc. Prof. Dr. Özcan Asilkan, <i>Akdeniz University</i> , Turkey (Chair of COMENG 2014) Prof. Dr. Kobus Maree, <i>Pretoria University</i> , South Africa Prof. Dr. Hüseyin Uzunboylu, <i>Near East University</i> , North Cyprus (President of AWER-CENTER)

TIME	TITLE	SPEAKER	HALL NAME
06.11.2014 15:00 – 16:00 Keynote 1	"Real time big data analytics"	Prof. Dr. Adem Karahoca Head of Software Engineering Bahcesehir University, Istanbul – Turkey	

TIME	TITLE	SPEAKER	HALL NAME
07.11.2014 11:30 – 12:15 Keynote 2	"Mobile learning and applications"	Prof. Dr. Hüseyin Uzunboylu Dean of Education Faculty Near East University North Cyprus	

15:30 – 16:00	Coffee Break
---------------	---------------------

ORAL PRESENTATIONS

SESSION – I

16:00 – 18:00

Hall 1

Session Chair :	Mohammad Hatim Hijjawi	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
16:20 – 16:40	Extracting Public Web Service Description from WWW	Atif Sohail Abid
16:40 – 17:00	Static Clustering for Target Tracking in Wireless Sensor Networks	Shereen S Ismail, Eman Al-Khader
17:00 – 17:20	Syntactic And Lexical Features of Online Restaurants' ADS.	Bushra Nima Rashid
17:20 – 17:40	A Novel Hybrid Rule Mechanism for the Arabic Conversational Agent ArabChat	Mohammad Hatim Hijjawi
17:40 – 18:00	Flexural Behaviour of Normal Strength and High Strength Fibre Concrete Beams	Mustapha Hamrat, Bensaid Boulekbache, Mohamed Chemrouk, Sofiane Amziane

Hall 2

Session Chair :	Soukaina Elhasnaoui	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
16:20 – 16:40	Meeting frameworks of good practices for a new IT Governance platform	Soukaina Elhasnaoui
16:40 – 17:00	Agent -oriented approach for semantic web services discovery in distributed environment: case study in E-Gov context	Amal Latrache
17:00 – 17:20	Toward Mobility Based Multi-Target Surveillance Model	Shihab A. Hameed
17:20 – 17:40	Performance Evaluation of AODV, DSR, OLSR, and GRP MANET Routing Protocols Using OPNET.	Adel Aneiba
17:40 – 18:00		

Hall 3

Session Chair :	Shihab A. Hameed	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
16:20 – 16:40	Toward an Effective Mobile-Based Medical Emergency Model	Shihab A. Hameed
16:40 – 17:00	Computer Aided Manufacturing for Riser Design using Chvorinov's Method	Ragab Kamal Fahiem Abdel-Magied
17:00 – 17:20	Flutter Simulation of an Aircraft Wing with a Transverse Rotor Using Maple Software	abbas mazidi, Mehdi ZareZadeh
17:20 – 17:40	Effective Model to Enhance PC Power Management	Shihab A. Hameed
17:40 – 18:00		

Hall 4

Session Chair :	Samir El-Nakla	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
16:20 – 16:40	Multi-agent Approach for Governing Information Security of Universities Information System	Sophia Faris, Aziza Chakir, Hicham Medromi, Adil Sayouti
16:40 – 17:00	Intelligent Electronic Design Tool	Samir El-Nakla
17:00 – 17:20	Sustainable Manufacturing of Cellulose Date Palm Fiber Reinforced Cementitious Boards in Iraq	Riyad H. Alanbari, Maan Salman Hassan, Ali H. Fakhri
17:20 – 17:40	Performance Evaluation of Remote Access VPN Protocols on Wireless Networks	Ahmed Abdulgader Jaha
17:40 – 18:00		

Hall 5

Session Chair :	Duygu Cakir	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
16:20 – 16:40	Using Dictation in Teaching College Students	Bushra Sadoon alnoori
16:40 – 17:00	Hardware Realization of Artificial Neural Network Model of Metal Oxide Silicon Field Effect Transistor by Using Field Programmable Gate Array	Remzi Tuntaş
17:00 – 17:20	Assessment and Evaluation of KOHA ILS for Online Library Registration at University of Jos, Nigeria.	Akpokodje Nkiruka Vera
17:20 – 17:40	Teaching Introductory Programming Course Through Computer Graphics - An Experimental Approach	Duygu Cakir
17:40 – 18:00		

07 / 11 / 2014, Friday

SESSION – II 09:00 – 11:00

Hall 1

Session Chair :	Bogdan Walek	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
09:00 – 09:20	Effect of Transverse Load on Energy Absorption of a Vehicle Frame During Accident: A Finite Element Analysis	Ahmed Abd-ElAziz, Nabila Elnahas, Ramy Kamel
09:20 – 09:40	Document Image Binarization Method that Compromises between Global and Local Thresholding Techniques and Automates the Free Parameter Selection	Saleh Ali Alshehri
09:40 – 10:00	Expert System for Evaluating Tests in e-learning System	Bogdan Walek, Vladimir Bradac
10:00 – 10:20	Optimization of Travelling Salesman Problem Using Genetic Algorithm and Fuzzy C Means Clustering	Sevcan Emek, Sebnem Bora, Aybars Ugur
10:20 – 10:40	Fuzzy Tool for Selection of Suitable Job Applicants	Bogdan Walek
10:40 – 11:00	Principles of Territorial Development: Using Spatial Tools Based on GIS	Dalibor Bartonek, Stanislava Dermeková

Hall 2

Session Chair :	Debakla Mohammed	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
09:00 – 09:20	Geographical Information System and Remote Sensing Procedures to	Shadi Zohair Kehail
09:20 – 09:40	Development of Information System for Monitoring of Objects of Education on the Basis of Intelligent Technology: A Case Study of Kazakhstan	Yerken Muksunovich Turganbayev, Indira Uvalieva
09:40 – 10:00	A Novel Approach for Medical Images Noise Reduction using Neural Filter	Debakla Mohammed
10:00 – 10:20	Adaptive Multi Agent System Theory in Agent-Based Modeling: A Survey	Rabia Korkmaz Tan, Sebnem Bora
10:20 – 10:40	Source Function Estimation Algorithms in a City Atmosphere Environmental Monitoring Technologies	Aleksey Penenko, Saule Rakhmetullina, Yerken Turganbayev
10:40 – 11:00		

Hall 3

Session Chair :	Mahmoud Ali	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
09:00 – 09:20	Improvement of Control Algorithm using Dynamic Matrix Based on Theory and Industrial Application	Hocine Megloui, Said Grouni, Ammar Ramdani
09:20 – 09:40	Using Relational Algebra Operators on the Modelling of ETL Conciliation Tasks	Vasco Nuno Santos
09:40 – 10:00	Using Ontology Based Metadata in Recommender System	Yasemin Gültepe, Serkan Peldek
10:00 – 10:20	Semantic Representation to Analyze Misbehavior Approach of Nodes in MANET	Aarohi Surya
10:20 – 10:40	Facial Landmarks Detection using Discriminative Combinations of Appearance Features Andshape Model	Mahmoud Ali
10:40 – 11:00		

Hall 4

Session Chair :	M. Abbas Abbasi	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
09:00 – 09:20	Granular Cellular Automata	Yasser Fouad Hassan
09:20 – 09:40	Performance Evaluation of Remote Access VPN Protocols on Wireless Networks	Ahmed Abdulgader Jaha
09:40 – 10:00	Pattern Based Sentiment Feature Extraction Methodology Using Target	Nasir Gul
10:00 – 10:20	Extracting User Information from Web Server Logs	Mergani Ahmed Eltahir
10:20 – 10:40	On Relating Asymptotic Features of Hessian Matrix in Receding Horizon MPC	M. Abbas Abbasi
10:40 – 11:00	Performance Evaluation of Remote Access VPN Protocols on Wireless Networks	Ahmed Abdulgader Jaha

Hall 5

Session Chair :	Biljana Radulovic	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
09:00 – 09:20	Pattern Based Sentiment Feature Extraction Methodology Using Target	Nasir Gul
09:20 – 09:40	Effect of 4G LTE on Mobile Cloud Computing	Kanwal Zaidi
09:40 – 10:00	HLA/RTI Based Distributed Simulations of Agent-Based Systems-----A Review	Maham Saeed
10:00 – 10:20	Motion control of robot by using kinect sensor	Mohamed Ali
10:20 – 10:40	Applying SE-PM Matrix in Analysis of Research in Distributed Software Development	Ljubica Kazi, Biljana Radulović, Duško Letić, Dragica Radosav, Ivana Berković
10:40 – 11:00		

TIME	TITLE	SPEAKER	HALL NAME
07.11.2014 11:30 – 12:15 Keynote 2	“Mobile learning and applications”	Prof. Dr. Hüseyin Uzunboylu Near East University North Cyprus	

12:15 – 13:20	Lunch Break
---------------	--------------------

SESSION – III
13:20 – 15:00

Hall 1

Session Chair :	Nursel Yalçın	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
13:20 – 13:40	A New Artificial Neural Network Model based on Trimmed Multiplicative Neuron Model to Determine Fuzzy Relations	Ozge Cagcag Yolcu, Eren Bas, Erol Egrioglu
13:40 – 14:00	Generalized Fermat Theorem	Abdurrahman Celebi , Arban Uka
14:00 – 14:20	Forensic Graphology	Nursel Yalçın, Filiz Gürbüz
14:20 – 14:40	Implementation of WSN Security mechanism based on the Energy consumption in the Context of QOS	Lamyaa Moulad
14:40 – 15:00	Effective Management of Groundwater Systems Based on Information Technology	Zhanar Beldeubaeva

Hall 2

Session Chair :	Omar Abdulwahabe	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
13:20 – 13:40	Integrated Monitoring System for Elderly Care In Smart Home	Omar Abdulwahabe Mohamad , Rasha Talal Hameed , Nicolae Țăpuș
13:40 – 14:00	Decentralized LEACH Routing Algorithm for Wireless Sensor Networks	Shahram Mollahasani, Muhammed Salamah
14:00 – 14:20	Static Clustering for Target Tracking in Wireless Sensor Networks	Shereen S Ismail, Eman I Al-Khader, Khalid A Darabkh
14:20 – 14:40		
14:40 – 15:00		

Hall 3

Session Chair :	Syeda Kanwal Zaidi	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
13:20 – 13:40	Fourth Generation: Mobile Wimax vs. LTE	Syeda Kanwal Zaidi
13:40 – 14:00	Log-Likelihood Ratio-based Relay Selection Algorithm in Wireless Network	Ahmed El-Sayed E-Imahdy, Ahmed Walid
14:00 – 14:20	Medical Images Segmentation using Echo State Networks	Meftah Boudjelal
14:20 – 14:40	The Training of Artificial Neural Networks with Multiplicative Neuron Model Based On Differential Evolution Algorithm for Forecasting	Eren Bas, Ufuk Yolcu, Erol Egrioglu, Ozge Cagcag Yolcu
14:40 – 15:00		

Hall 4

Session Chair :	Shariq Neshat Akhtar	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
13:20 – 13:40	Multi-Agents and Learning: Implications for Web-Based Education	Hewayda mohamed lotfy, soheir m. Khamis, maie mahmoud
13:40 – 14:00	Modern media and the educational process	Renato Barisic
14:00 – 14:20	An Online Mobile Assistant Application with Speech Recognition Running On the Android Operating System	Nursel YALÇIN, Melih Göksel Karakaya
14:20 – 14:40	A Comparative Analysis of Pruning Methods for C4.5 and Fuzzy C4.5	Sohail Asghar
14:40 – 15:00	Modelling and Control of Quadcopter Unmanned Aerial Vehicle	Shariq Neshat Akhtar

Hall 5

Session Chair :		
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
13:20 – 13:40	Developing a Windows Application that aims Testing and Teaching English Pronunciation of Images by using Speech Recognition and Speech Synthesize	Nursel Yalçin, Hakan Şen
13:40 – 14:00	Time Enhancement of String Matching Algorithms Using Distributed Processing	Ali Hamid Jaddoa
14:00 – 14:20	Analysis of Vagueness	Angel Garrido
14:20 – 14:40	Object Oriented Software Engineering Approach to Industrial Information System Design and Implementation	Issa H. Manita
14:40 – 15:00	Using Bayesian Networks in Learner Modelling	Mouenis Anouar Tadlaoui, Mohamed Khaldi, Aammou Souhaib

15:00 – 15:20	Coffee Break
---------------	--------------

SESSION – IV
15:20 – 17:00

Hall 1

Session Chair :	Muhammad Roman	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
15:20 – 15:40	Cloud Computing Security: A Survey	Muhammad Roman
15:40 – 16:00	Ear Region Detection in Profile Face Images	Ali Habiboghli, Vasif Vagifoglu Nabiyev
16:00 – 16:20	Optimization of Processing of Large Volume of Geographic Data	Dalibor Bartonek, Irena Opatřilová
16:20 – 16:40	A Novel Approach for Optimal Rule Creation and Classification in Autonomous, Self-Directed, Ant-Optimized Adaptive Learning-Based Intelligent Network Architecture	Zehsan Iqbal, Farhan Aadil, Adeel Akram
16:40 – 17:00	Influence of Yield Stress and Compressive Strength on Direct Shear Behaviour of Steel Fibre-Reinforced Concrete	Bensaid Boulekbache

Hall 2

Session Chair :	Okan Oral	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
15:20 – 15:40	Sentiment Analysis Tool using Machine Learning	Marketa Horakova
15:40 – 16:00	Quality and Coverage Assessment in Software Integration Based on Mutation Testing	Iyad Alazzam
16:00 – 16:20	A Robust Data Clustering Approach Using Gravitational Search Algorithm and a Heuristic Search Approach	Abdolreza Hatamlou
16:20 – 16:40	Performance Evaluation of Broadcast Beacons in VANETs over Road Intersections and Roundabouts	Maryam Al -Lawati, Hadj Bourdoucen, Mohamed Ould-Khaoua, Osama M. Hussain Rehman
16:40 – 17:00	Creating a Web Based Registration System FOR Special Talent Exams in Higher Education (Akdeniz University Sample)	Okan Oral

Hall 3

Session Chair :	Angel Garrido	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
15:20 – 15:40	Analys of Vagueness	Angel Garrido
15:40 – 16:00	3D Browser-Enabled Shape Modelling Environment: Basics and Fundamentals.	Ali Khalil Abdallah
16:00 – 16:20	Parameter Tuning Methods in Agent-Based Modeling and Simulation : A Survey	Rabia Korkmaz Tan
16:20 – 16:40	Engineering Intelligence: Computers and Cognitive Psychology	Shamseldin Zeinal Abdin
16:40 – 17:00		

Hall 4

Session Chair :	Sharifah Saon	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
15:20 – 15:40	New Approach for Solving Hammerstein Integral Equations by Using Hybrid Functions	Hesamoddin Derili Gherjar
15:40 – 16:00	Electronic Voting Systems for Developing Countries from Social Aspects and Technological Aspects: A Case Study of Thailand	Amnart - Pohthong
16:00 – 16:20	Identification of Material Surface Features using Modified Zernike Moment and Feed Forward Neural Network	Sharifah Saon
16:20 – 16:40	Implementation of FPGA Based Maximum Power Point Tracking Of Photovoltaic System	Abd Kadir Mahamad
16:40 – 17:00		

Hall 5

Session Chair :	Omar Smail	
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
15:20 – 15:40	Semantic Representation to Analyze Misbehavior Approach of Nodes in MANET	Aarohi Surya
15:40 – 16:00	A Survey Study on the Factors that Effects the Establishment of Information Technology Project Mangement Offices	Halil Tahmaz
16:00 – 16:20	Energy Aware and Stable Multipath Routing Protocol in Clustered Wireless Ad Hoc Networks	Omar Smail
16:20 – 16:40	Study and Analysis of the Complexity of an Algorithm Treating the Credibility of Information Coming from the WSN	Ayoub Marzak, Karim Lahma, Saad Nadir, Mohamed Hamraoui, Hicham Belhadaoui
16:40 – 17:00	Investigation on Improvement Power System Stabilizer (PSS): Application of an Industrial Single Machine Infinite Bus (SMIB)	Said Grouni, Mohamed Hallak, Abderrazak Aibeche, Kais Bouallegue

07/ 11 / 2014, Friday

VIRTUAL PRESENTATIONS

07.11.2014		
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
11:00 – 11:20	An Evolutionary Approach For Scheduling Tasks Based on Lottery Algorithm in Cloud Computing Environment	Elahe Doostsadigh, Reza Asemi Tazekand, Elnaz Ashna
11:20 – 11:40	An Improved Approach For Scheduling Tasks Based on Lottery Algorithm in Cloud Computing Environment	Elahe Doostsadigh, Reza Asemi Tazekand, Hadis Barari Kiani
11:40 – 12:00	An Approach Multi-Agent Based on the Best Practice of ITIL , to Govern a Data Warehouse	Chakir Aziza
12:00 – 12:20	Teacher Assistant and Student Performance Predictor using EDM	Ghadeer Hesham Mobasher, Ahmed Mahmoud Shawish
12:20 – 12:40	DroidRunner Emulator	Mahad Barlas

POSTER PRESENTATIONS

07.11.2014		
TIME	TITLE	PRESENTER(S)/AUTHOR(S)
11:20 – 12:20	On Advantages of Dynamic Colored Graph for Fault tolerance in Grid Computing	Rebbah Mohammed, Slimani Yahya, Benyettou Abdelkader, Brunie Lionel
11:20 – 12:20	A Novel Approach for Medical Images Noise Reduction using Neural Filtre	Debakla Mohammed