World Conference on BIG DATA

3rd Global Conference on Computer Science, Software, Networks and Engıneering

Istanbul Aydın University
19-21 November 2015,
Istanbul, Turkey

PROGRAM

Sponsors
Near East University
Istanbul Aydın University
Association for Human, Science, Natura, Education and Technology

Organization
Academic World Education and Research Center -*Non-profit international organization*
www.awer-center.org

Dear Colleagues

Thank you very much for you to participate the "**3. Global Conference on Computer Science, Software, Networks and Engineering, (COMENG-2015)**" and "**World Conference on Big Data (BIGDATA-2015)**" in Istanbul Aydın University, Istanbul Turkey.

The **COMENG-2015** Draft Programme is published in our conference web site; www.comeng.org and www.wc-bigdata.org.

If your presentation is not <u>available</u> in the draft programme, or you may <u>withdraw</u> your paper, please send the name of your article and its authors'names and ID number to coming.info@gmail.com or wcbigdata@gmail.com until **17 November 2015, 24:00 GMT+2**. Your paper will take or out place in the program in a short time.

<u>**Paper Publication**</u>
It would be a pleasure to share with you that we are publishing **COMENG-2015** and **BIGDATA-2015** full papers. Your paper will be published in *Global Journal on Technology* or *Global Journal on Computer Science* and at the same time indexed on the AWER index also submitted to **EBSCO**, **SCOPUS** and **THOMSON REUTERS CONFERENCE PROCEEDINGS CITATION INDEX (ISI WEB OF SCIENCE)** for evaluation for inclusion in the list.

Poster or Virtual Presentation
If you want to make POSTER or VIRTUAL PRESENTATION, please send us an email coming.info@gmail.com or wcbigdata@gmail.com about your <u>presentation type until 17 November 2015 24:00 GMT+2.</u>. Thus, we can organize the presentations. There will be an online presentation rehearsal taking place **on 12 November 2015 at 14:00 (GMT+2) - 16:00 (GMT+2) (TEST PRESENTATION)**

Full Paper Submission
<u>The full paper submission date has been closed day by day. I would like to remind you that the deadline of the full paper submissions (even not submitted any abstract) for review process is December 01, 2015. The</u> Camera-ready submission for publication at <u>December 20, 2015</u>. This mean you should present <u>your DRAFT paper at the conference</u> and after the criticism during the conference you will have chance to make your last changes in the last version of your full paper and submit again <u>until December 20, 2015.</u>

Paper Poster Size:
The poster size is A0, equals 118 cm height x 84 cm length, or smaller. Please choose upright format and keep in mind that the font sizes should be big enough to allow your poster to be read from some distance. We suggest using a font size of 22 – 24 pt for texts and 60 – 70 pt for headings. You are kindly asked to bring your poster fully assembled and printed.

Session Chairman
If you want to be a Session Hall Chair, please send an email to coming.info@gmail.com or wcbigdata@gmail.com till 17 November 2015, 24:00 GMT+2. <u>Conference Chairmen get certificates for this duty</u>. Applicants must have at least PhD degree and speak English well.

Bank Statements
On your arrival to the conference please do not forget to bring along with you your BANK STATEMENTS to show proof of your payments in order to be able to receive a receipt and not experience any inconveniences.

Weather Conditions
In order to be certain of the weather whilst your visit to Antalya, Turkey. It would be a good idea to check out this web-site: www.weather.com so that you can consider taking precautions during your journey in the touristic world of Barcelona.

Conference Venue
Istanbul Aydın University
Conference Center
Inonu Caddesi. No: 38
Sefaköy-Küçükçekmece
34295 Istanbul, Turkey

See you at the Conference in Istanbul, Turkey.

Best regards

Aras Arifoglu
Secretariat

PROGRAM

20 - 21 October 2015	
13:00 – 18:00	Registration

20.11.2015 09:30– 10:30	Opening Ceremony	Hall 1

TIME	TITLE	SPEAKER	HALL NAME
20.11.2015 10:30 – 11:30 **Keynote 1**	How Big is Big Data? Its Impact on Industries, Governments and Higher Education	**Prof. Dr. Ergun Gide** Deputy Dean, School of Engineering & Technology, CQUniversity Sydney, Australia	**1**

11:30 – 11:40	Coffee Break

13:00 – 14:00	Lunch Break

TIME	TITLE	SPEAKER	HALL NAME
20.12.2015 14:00 – 14:40 **Keynote 2**	"Real time big data analytics"	**Prof. Dr. Adem Karahoca** Head of Software Engineering Faculty of Engineering Bahcesehir University, Istanbul – Turkey	**1**

16:00 – 16:20	Coffee Break

20.11.2015 19:00 – 22:00	Gala Dinner

TIME	TITLE	SPEAKER	HALL NAME
21.11.2015 09:00 – 10:00 **Keynote 3**	"New trends in mLearning"	**Prof. Dr. Huseyin Uzunboylu** Dean, Faculty of Education Near East University, North Cyprus	**1**

10:00– 10:20	Coffee Break

21.11.2015 12:40 – 13:00	Closing Ceremony

13:00 – 14:00	Lunch Break

20/ 11/ 2015, Friday

19 - 21 October 2015	
13:00 – 18:00	Registration

20.11.2015 09:30– 10:30	Opening Ceremony	Hall 1

TIME	TITLE	SPEAKER	HALL NAME
20.11.2015 10:30 – 11:30 **Keynote 1**	How Big is Big Data? Its Impact on Industries, Governments and Higher Education	**Prof. Dr. Ergun Gide** Deputy Dean, School of Engineering & Technology, CQUniversity Sydney, Australia	

11:30 – 11:40	Coffee Break

ORAL PRESENTATIONS

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 1 11:40– 12:00 Friday	1	Cost Based Classification Algorithm for Telecom Churn Management	Emel Kizilkaya Aydoğan, Mihrimah Özmen, Yilmaz Delice; *Erciyes University*, Turkey
	2	Multi Node Video Processing on Apache Hadoop Clusters	Sevgi Canpolat, Adem Karahoca; *Bahcesehir University*, Turkey

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 1 12:00– 12:20 Friday	1	IT Organizational Affordances and Business Model Configuration in Healthcare Big Data Initiatives	Giulia Pozzi; *Università Cattaneo*, Italy
	2	Big Data - A Review in Medical Environment	Ayça Kurnaz Türkben, Emre Türkben, Dilek Karahoca, Adem Karahoca; *Bahcesehir University*, Turkey

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 1 12:20– 12:40 Friday	1	Daily and Hourly Mood Pattern Discovery of Turkish Twitter Users	Mete Celik, Ahmet Sakir Dokuz; *Nigde University*, Turkey
	2	Big Data In Software Engineering: A Systematic Literature Review	Selami Bağrıyanık, Adem Karahoca; *Bahcesehir University*, Turkey

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 1 12 :40– 13:00	1	An Approach for Sentiment Analysis in Turkish with Auto-Generated Polarity Corpus	Ertaç Paprat, Aydın Carus; *Trakya University*, Turkey
	2	Detecting Similar Opinion Holders for Massive Sentiment Analysis	Erdem Alparslan, Adem Karahoca; *Bahcesehir University*, Turkey

13:00 – 14:00	Lunch Break

TIME	TITLE	SPEAKER	HALL NAME
20.12.2015 14:00 – 14:40 **Keynote 2**	"Real time big data analytics"	**Prof. Dr. Adem Karahoca** Head of Software Engineering Faculty of Engineering Bahcesehir University, Istanbul – Turkey	**1**

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 2 14:40– 15:00 **Friday**	1	Choosing Optimal Cipher Suite for Authentication of Banks in Turkey for 2015	Mirsat Yeşiltepe; Yıldız Technical University, Turkey
	2	Analysis of Ubiquitous Learning Environment Outcomes with Partial Least Squares Structural Equation Modeling (PLS-SEM)	Ahmet Yücel, Dilek Karahoca, Adem Karahoca; *Bahcesehir University*, Turkey

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 2 15:00– 15:20 **Friday**	1	Security of Large Scale Biometric Data	Sercan Aygun; Turkey
	2	Cultural Process Analyzing in Information Technologies (IT) Sector and Management Information System (MIS) Applications	Merve Arıtürk, Dilek Karahoca, Adem Karahoca; *Bahcesehir University*, Turkey

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 2 15:20– 15:40 **Friday**	1	Sort of Turkey's Top 20 Banks by Cipher Suite Value	Beyza Yılmaz; *Yıldız Technical University*, Turkey
	2	Developing Intelligent Trip Recommender System by data mining	Tamer Uçar, Adem Karahoca; *Bahcesehir University*, Turkey

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 2 15:40– 16:00 **Friday**	1	Inference Bayesian in Telecommunication Industry-Albanian Market	Eralda Caushi; *Universita Nostra Signora del Buon Consiglio*, Albania
	2	Adaptive environments for web based distance education courses: a review	Barış Yüce, Dilek Karahoca; *Bahcesehir University*, Turkey

16:00 – 16:20	**Coffee Break**

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 16:20– 16:40 **Friday**	1	A New Concept for Design of the Shape Ship Stern	Levent Ali, Beazit Ali; *DSD Shipping*, Norway
	2	Design of Inner Campus Mobile Application (AKMOB) For Advanced Studies Students: Instance of Akdeniz University	Okan Oral, Şefik Afyoncu, Özcan Asilkan, Yalçin Albayrak; *Akdeniz University*, Turkey
	3	Integration of Medical Data Enhanced by Data Mining Techniques and Semantic Technologies	Nađa Žarić, Ivana Ognjanovic, Ramo Sendelj; Serbia and Montenegro

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 16:40–17:00 Friday	1	Using Protocol Level Parameter in WCF with Different Protocol	Mirsat Yeşiltepe; *Yıldız Technical University*, Turkey
	2	An Algorithm for Solving Sudoku Grids	Ruya Samli; *Istanbul University*, Turkey

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 17:00– 17:20 Friday	1	Choosing Optimal Cipher Suite For Authentication Of Banks In Turkey For 2015	Mirsat Yeşiltepe; *Yıldız Technical University*, Turkey
	2	Application of Gamification in the Process of Learning	Abdurrahman Parlatıcı, Gizem Lermi, Gülhan Öztürk, Yüksel Yurtay, Sinem Tuna; Sakarya University, Turkey

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 17:20– 17:40	1	SVD and DWT Techniques for Copyright Protection	Ammar Jameel Hussein; Cankaya University, Turkey
	2	Semantic Role Labeling with Relative Clauses	Metin Bilgin; *Yildiz Technical University*, Turkey

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 17:40– 18:00 Friday	1	Examination a Wireless Sensor Data founded Using a Traditional Data Mining Algorithms	Ammar Jameel Hussein; *Cankaya University*, Turkey
	2	Development of a Mobile Learning Tool for Fundamentals of Programming Lessons	Cengiz Dehmenoğlu, Hüseyin Uzunboylu; *Şişli Mesleki ve Teknik Anadolu Lisesi*, Turkey

21/ 11/ 2015, Saturday

TIME	TITLE	SPEAKER	HALL NAME
21.11.2015 09:00 – 10:00 **Keynote 3**	"New trends in mLearning"	**Prof. Dr. Huseyin Uzunboylu** Dean, Faculty of Education Near East University, North Cyprus	**1**

10:00– 10:20	**Coffee Break**

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 10:20– 10:40 Friday	1	Droidrunner Emulator	Mahad Barlas; *Faculty of Computer Science*, Pakistan
	2	Main Factors Influencing M-commerce Adoption	Mohammadjafar Esmaeili, Ali Eydgahi*; Eastern Michigan University*, United States

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 10:40– 11:00 Friday	1	E-Tendering: Modeling of Multi-Agents System Integrating the Concepts of Ontology and Big Data	Amadou Diabagate, Abdellah Azmani, Mohamed El Harzli; *Université Abdelmalek Essaâdi*, Palestine
	2	Procedural Shadowing for Physics Based 2D Games	Imran Khaliq; *Media Design School*, Auckland, New Zealand

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 11:00– 11:20	1	Distinguishing humans from automated programs by a novel Audio-based CAPTCHA	Seyhmus Yilmaz, Sultan Zavrak, Huseyin Bodur; *Duzce University*, Turkey
	2	Security Measures to Protect Sensitive Customer Data in Cloud Computing	Ergun Gide, Sunil Bedi; *CQ University*

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 11:20– 11:40 Friday	1	An Implementation of Android-based MMS Steganography Application	Sultan Zavrak, Huseyin Bodur, Seyhmus Yilmaz; *Duzce University*, Turkey
	2		

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 11:40– 12:00 Friday	1	Decentralized LEACH Routing Algorithm for Wireless Sensor Networks	Shahram Mollahasani, Muhammed Salamah; *Eastern Mediterranean University*, North Cyprus
	2	A Funnel Model for Educational and Vocational Guidance in using AHP Method	Essaid El Haji, Abdellah Azmani; *Abdelmalek Essaadi University*, Morocco

TIME	HALL	TITLE	AUTHOR, AFFILIATION and COUNTRY

	NAME		
Session 3 **12:00– 12:20** **Friday**	1	Towards Development of Cloud Based Solutions for SMEs in Montenegro	Igor Ognjanovic, Ramo Sendelj, Ivana Ognjanovic; *University Donja Gorica*, Montenegro
	2	Preliminary Investigation on Machine Learning Techniques usage in Botnet Detection	Eiman Al-Shammari, Omar Al Ibrahim; *Kuwait University*, Kuwait

TIME	HALL NAME	TITLE	AUTHOR, AFFILIATION and COUNTRY
Session 3 **12:20– 12:40** **Friday**	1	The Effect of Physiotherapy Intervention for Burn Patient on their Performance	Mosab Amoudi; *Arab American University*, Palestinian Territory
	2	Investigation Through Praat Application to Change the Sound	Nursel Yalçin, Fikret Aysel; *Gazi University*, Turkey
	3	Reliability and Validity Study of the Teachers' Perceived Competencies and Attitudes Scale Towards Tablet-Assisted Education	Vasfi Tugun, Tahir Tavukcu, Fezile Ozdamli; Near East University, North Cyprus

21.11.2015 12:40 – 13:00	**Closing Ceremony**

13:00 – 14:00	**Lunch Break**

VIRTUAL PRESENTATION PROGRAM

TIME	TITLE	PRESENTER(S)/AUTHOR(S)
11:00 – 11:15 Friday	Nurse Scheduling Problem	Erjon Duka; *Universty of Durres*, Albania
11:15 – 11:30 Friday	Using smartphones reservations for hotels in Barcelona (Spain) for a business segment: empirical analysis	Joan-Francesc Fondevila-Gascón, Gaspar Berbel, Mònica Muñoz, Javier L. Crespo, Pedro Mir Bernal, Elena Puiggrós; *Escola Universitària Mediterrani (Universitat de Girona), Universitat Pompeu Fabra and Universitat de Barcelona*, Spain

POSTERS PROGRAM

TIME	POSTER TITLE	AUTHORS
11:00 – 13:00 Friday	Global Journal on Technology	Irem Yılmaz; *Yıldız Technical University*, Turkey