



# 3rd World Conference on BIG DATA (BIGDATA-2018)

Pinebay Holiday Resort Convention Center  
Ephesus – Kusadasi, Turkey  
28-30 April 2018

## PROGRAM BOOK

### Organization

Academic World Education and Research Center  
*-Non-profit international organization*  
[www.awer-center.org](http://www.awer-center.org)

**Organized by**

Altınbaş University

Near East University

Academic World Education and Research Center

Association for Education Science and Technology

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## IMPORTANT EVENTS

<b>28-30 April 2018</b>	
08:30 – 10:00	<b>Registration</b>

28.04.2018 10:00- 10:20	<b>Opening Ceremony</b>	<b>Hall 1</b>
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TIME	TITLE	SPEAKER	HALL NAME
28.04.2018 10:20 – 11:00 <b>Keynote 1</b>	“Is Big Data means Big Business, Education and Big Money? Cases on the Challenges and Opportunities for Governments, Businesses, healthy and Educational Providers”	<b>A/Professor Ergun Gide</b> , PhD Deputy Dean Research   School of Engineering and Technology CQUniversity Australia	<b>1</b>

11:00 – 11:20	<b>Coffee Break</b>
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TIME	TITLE	SPEAKER	HALL NAME
28.04.2018 11:20 – 12:30 <b>Keynote 2</b>	“Quality Issues in Higher Education”	<b>Prof. Dr. Uğur Yozgat</b> Director, Institute of Social Sciences Istanbul Kultur University, Turkey	<b>1</b>

28.04.2018 20:00 – 23:00	<b>Gala Dinner</b>
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TIME	TITLE	SPEAKER	HALL NAME
29.04.2018 10:00 – 11:00 <b>Keynote 3</b>	“Application of big data in economics and business administration”	<b>Prof. Dr. Osman Nuri Uçan</b> Dean of School of Engineering and Natural Sciences Altınbaş University, Istanbul	<b>1</b>

TIME	TITLE	SPEAKER	HALL NAME
29.04.2018 11:20 – 12:30 <b>Keynote 4</b>	“Industry 4.0 and Big Data”	<b>Prof. Dr. Adem Karahoca</b> Bahcesehir University, Turkey	<b>1</b>

28.04.2018 20:00 – 23:00	<b>Gala Dinner</b>
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29.04.2018 15:30 – 16:00	<b>Closing Ceremony</b>
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30.04.2018 09:00 – 16:00	<b>Ephesus Tour</b>
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## 28/04/2018, Saturday

<b>28-30 April 2018</b>	
08:30 – 10:00	<b>Registration</b>

28.04.2018 10:00– 10:20	<b>Opening Ceremony</b>	<b>Hall 1</b>
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TIME	TITLE	SPEAKER	HALL NAME
28.04.2018 10:20 – 11:00 <b>Keynote 1</b>	“Is Big Data means Big Business, Education and Big Money? Cases on the Challenges and Opportunities for Governments, Businesses, healthy and Educational Providers”	<b>A/Professor Ergun Gide</b> , PhD Deputy Dean Research   School of Engineering and Technology CQUniversity Australia	<b>1</b>

11:00 – 11:20	<b>Coffee Break</b>
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TIME	TITLE	SPEAKER	HALL NAME
28.04.2018 11:20 – 12:30 <b>Keynote 2</b>	“Quality Issues in Higher Education”	<b>Prof. Dr. Uğur Yozgat</b> Director, Institute of Social Sciences Istanbul Kultur University, Turkey	<b>1</b>

12:30 – 13:30	<b>Lunch Break</b>
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## ORAL PRESENTATIONS

### Session 1

**13:30 – 15:30**

#### Hall 1

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	A Comprehensive Analysis of Cloud based Big Data Challenges and Opportunities for SMEs in India	Nitirajsingh Raj sandu, Ergun Gide, <i>CQuniversity</i> , Australia
2	A Study to Investigate Big Data Opportunities in Health Industry to Satisfy Business and Customer in Australia	Shakir Karim, Ergun Gide, <i>CQuniversity</i> , Australia
3	The effect of parallel machine learning algorithm on the prediction of student's professional identity development (Preview on methodology)	Sefer Kurnaz, Raya Mohammed Mahmood, <i>Altınbaş University</i> , Turkey
4	Comparing Two of Data Mining Algorithms to Predict the Type of Hearing Aids for Audiology Patients	Maalim Abd Ali Aljabery, Sefer Kurnaz, <i>Altınbaş University</i> , Turkey
5	Comparative Analysis of Clustering Techniques in Internet of Thing	Ahmed Burhan Mohammed, <i>University of Kirkuk</i> , Iraq
6	Effort Estimation Using ANFIS: a telecommunication's company case study	Utku Apaydin, <i>Bahcesehir University</i> , Turkey

15:30 – 16:00	<b>Coffee Break</b>
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**Session 2**  
**16:30 – 18:00**

**Hall 1**

<b>ORDER</b>	<b>TITLE</b>	<b>AUTHOR, AFFILIATION and COUNTRY</b>
1	Protein Secondary Structure Prediction Using Support Vector Machine and Hierarchical Clustering	Sema Atasever, <i>Neveşehir Hacı Bektaş Veli University, Turkey</i>
2	Classification of SAR Image Patches on Apache Spark Using GLCM Texture Features	Caner Ozcan, Okan Ersoy, Iskender Ulgen Ogul, <i>Purdue University, United States</i>
3	Management in the Hypermodernity	Feriha Özdemir, <i>University Siegen, Germany</i>
4	Comparison of Multiple Regression and Artificial Neural Network Models for Estimation of the Number of Teachers Needed in Secondary Education in Turkey	Tuğrul Bayraktar, Muharrem Ünver, <i>Karabuk University, Turkey</i>
5	Comparative Analysis of Clustering Techniques in Internet of Thing	Ahmed Burhan Mohammed, <i>University of Kirkuk, Iraq</i>

# 29/04/2018, Sunday

## Session 3 09:00 – 10:30

### Hall 1

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	The Evaluation of Innovative Activities in Turkish Economy by using Data Envelopment Analysis	Muharrem Ünver, <i>Karabuk University</i> , Turkey
2	Comparing two of data mining algorithms to predict the type of hearing aid for audiology patients	Maalim Abd Ali Aljabery, Sefer Kurnaz, <i>Altinbas University</i> , Turkey
3	Big/Open Data Applications in Urban Planning: Australian Case	Elif Kırpık, <i>Yildiz Technical University</i> , Turkey

TIME	TITLE	SPEAKER	HALL NAME
29.04.2018 10:00 – 11:00 <b>Keynote 3</b>	“Application of big data in economics and business administration”	<b>Prof. Dr. Osman Nuri Uçan</b> Dean of School of Engineering and Natural Sciences Altınbaş University, Istanbul	<b>1</b>

TIME	TITLE	SPEAKER	HALL NAME
29.04.2018 11:20 – 12:30 <b>Keynote 4</b>	“Industry 4.0 and Big Data”	<b>Prof. Dr. Adem Karahoca</b> Bahcesehir University, Turkey	<b>1</b>

12:30 – 13:30	<b>Lunch Break</b>
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## Session 4 13:30 – 15:30

### Hall 1

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Similarity Search and Pattern Discovery in Istanbul Stock Exchange: Clustering of Common Stocks According to Stocks' Behaviors	Ibrahim Cil, Turkey
2	Educational Decision Support for Applied Engineering Experience Training Using OLAP with Data Mining	Ibrahim Cil, Turkey
3	Sentiment Analysis of Turkish Tweets	Adem Karahoca, <i>Bahçesehir University</i> , Turkey
4	Customer segmentation for churn management by using ant colony algorithm	Adem Karahoca, Dilek Karahoca, Batuhan Güllüoğlu, Evren Arifoğlu, <i>Bahçesehir University</i> , Turkey
5	Forensic Analysis of Messenger Applications on Android Platform	Selman Kasim Bagirci, Bahcesehir University, Turkey
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30.04.2018 15:30 – 16:00	<b>Closing Ceremony</b>
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**30/04/2018, Monday**

30.04.2018 09:00 - 16:00	<b>Ephesus Tour</b>
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