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Tentative Program

5th International conference on

Big Data Analysis and Data Mining

June 20-21, 2018 Rome, Italy

Theme: "Future Technologies for Knowledge Discoveries in Data"



For Available Speaker Slots

bigdata@enggconferences.com

Conference Secretariat

Kemp House, 152 City Road, London EC1V 2NX

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Email: bigdata@annualconferences.org, dataanalysis@enggconferences.com

http://nanomaterials.conferenceseries.com/

Conference Highlights

- Forecasting from Big Data
- Big Data in Nursing Research
- Data Mining and Machine Learning
- Big Data Analytics
- Data Mining Methods and Algorithms
- Artificial Intelligence
- New visualization techniques
- Data Warehousing
- Search and data mining
- Data Mining Tools and Software
- Frequent pattern mining
- Big Data Applications
- Clustering
- Data Mining Tasks and Processes
- Big Data algorithm
- Data privacy and ethics
- Big data technologies
- Data Mining analysis
- Cloud computing
- Social network analysis
- Complexity and algorithms
- Business Analytics
- Open data
- Data Mining Applications in Science, Engineering, Healthcare and Medicine
- Optimization and Big Data



Glimpses of Big Data Conferences






















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TOURIST DESTINATIONS IN ROME



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Castel Sant'Angelo



Colosseum



Gardaland



Lake Garda



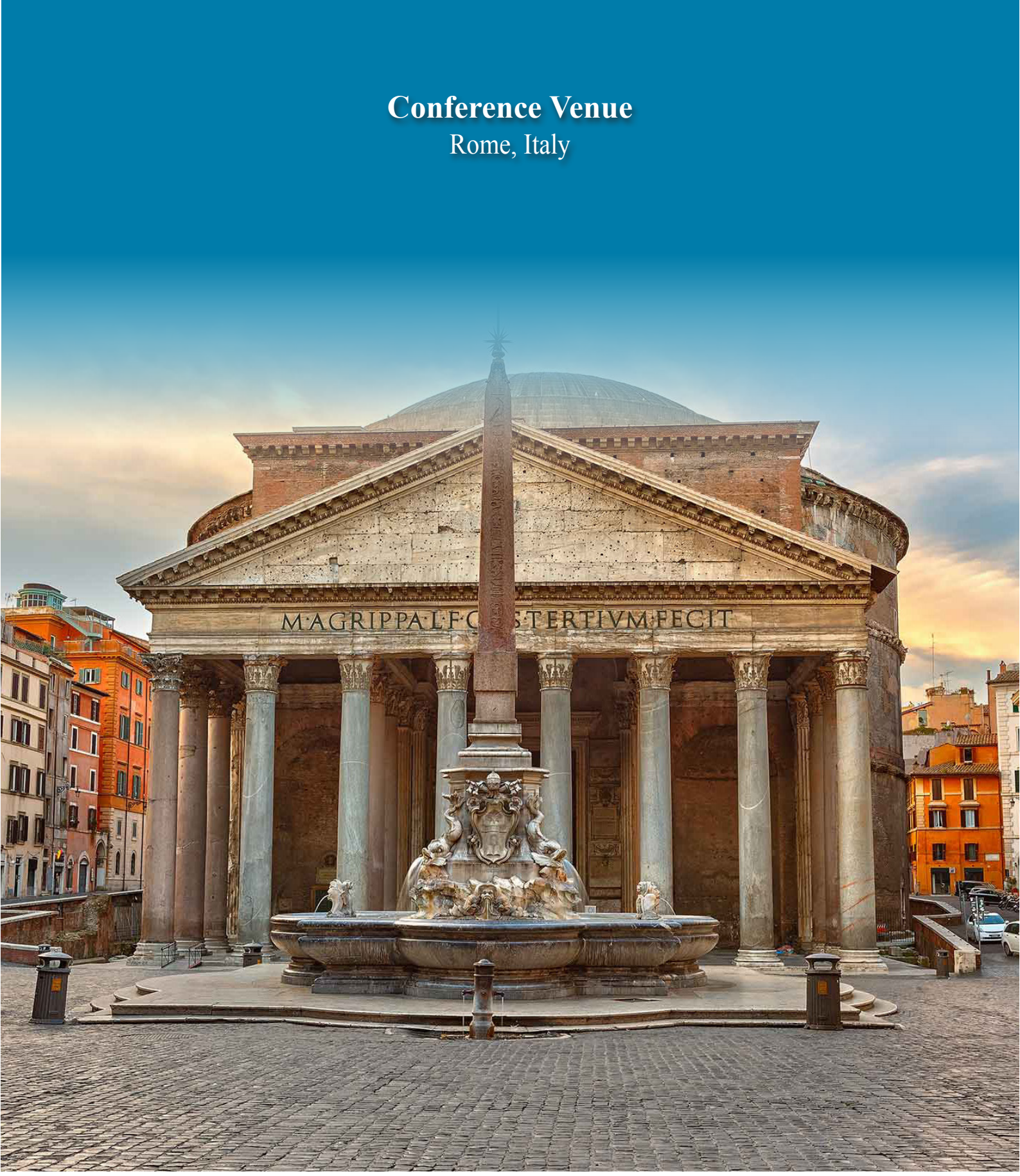
St. Peter's Basilica



Vatican Museums

Conference Venue

Rome, Italy



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1150th Conference

Scientific Program

4th International conference on

BIG DATA ANALYSIS AND DATA MINING

September 07-08, 2017 Paris, France



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
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Day 1 Septmber 07, 2017

Registrations

Sunset -1

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Opening Ceremony

Keynote Forum

Title: Big data, data hubs, sensors, iot and precision agriculture – Their effect on data collection, analysis, forecasting and survey processes

Dr. Michael Valivullah, NASS, US Department of Agriculture, USA

Title: Big data analysis and approximations in information systems

En-Bing Lin, Central Michigan University, USA

Title: Maintenance of engineering systems by big data

Petra Perne, Institute of Computer Vision and Applied Computer Sciences, Germany

Group Photo

Networking and Refreshments Break

Title: Data Mining in Big Data Analytics: Exploiting Resolution Scale, Addressing Bias, Having Analytical Focus

Fionn Murtagh, University of Huddersfield, UK

Plenary Session

Title: Big data – Big challenge for public administration – experiences of pilot project in ministry of public administration of republic slovenia

Karmen Kern Pipan, Ministry of Public Administration, Republic Slovenia

Title: A complementary square-error clustering criterion and initialization of k-means

Boris Mirkin, National Research University Higher School of Economics, Russia

Title: Process before-after order data verification/prediction systems based on paraconsistent annotated logic program Bf-EVALPSN

Kazumi Nakamatsu, University of Hyogo, Japan

Lunch Break

Title: Smart data acquisition and analysis for deep learning based systems

Pavel kisilev, Huawei Research, Israel

Title: Predicting corporate misconduct

Bennett B Borden, Drinker Biddle & Reath, USA

Title: Exact data mining from inexact data

Nikolaos Freris, New York University Abu Dhabi, UAE

Sessions: Data Mining Applications in Science, Engineering, Healthcare and Medicine | Data Mining Methods and Algorithms | Artificial Intelligence | Big Data Applications | Big Data Algorithm | Data Privacy and Ethics | Data Mining Analysis | Business Analytics | Optimization and Big Data | New visualization techniques | Clustering

Session Chair: Michael Valivullah, CTO, NASS, USA

Session Co-chair: Petra Perne, Institute of Computer Vision and applied Computer Sciences, Germany

Session Introduction

Title: Scalable robust clustering method for large and sparse data

Tommi Kärkkäinen, University of Jyväskylä, Finland

Title: Data is not wrong, but your use of it might be!

Fred Jacquet, Evangelist, France

Title: An automatic data prediction system with business applications

Morgan C. Wang, University of Central Florida, USA

Networking and Refreshments Break

Title: A novel linear-time and memory saving approach for visual exploratory data analysis: data embedding and graph visualization
Witold Dzwinel, AGH University of Science and Technology, Poland
Title: Multi-objective optimization via visualization
Nicolas Wesner, Mazars Actuariat, France
Title: Multi-criteria Decision-making for purchasing cell phones using machine learning approach
S N Mohanty, KIIT University, India
Title: Big data - applied in healthcare context, the case study of diabetes
Jenny Lundberg, Linnaeus University, Sweden

Young Researchers Forum

YRF: Cost-Sensitive deep neural networks to address class imbalanced problem
Kruy Seng, Lingnan University, Hong Kong
YRF: Data driven intelligent analytics in education domain
Prajakta Diwanji, FHNW University of Applied Sciences and Arts, Switzerland
YRF: The domus-lig experimental living-lab methodology and the emoz platform: overview of spontaneous and ecological corpora - from small smart data to big data
SASA Yuko, University Grenoble Alps, France

Panel Discussion

Day 2 Septmber 08, 2017

Sunset -1

Keynote Forum

Introduction
Title:Extensions of dynamic programming: Applications for decision trees
Mikhail Moshkov, King Abdullah University of Science and Technology, Saudi Arabia
Title: Disrupting retail analysis with patent applied wi-fi based advanced analytics solution - BonAir
Ergi Sener, Bonbon Tech, Turkey
Title: Effective choice and ranking of alternatives in search and recommendation problems
Fuad Aleskerov, National Research University Higher School of Economics, Russia

Networking and Refreshments Break

Title: Data enabled approaches to sensitivity analysis, calibration and risk visualization in general circulation models
Omar M. Knio, King Adullah University of Science and Technology, Saudi Arabia

Plenary Session

Title: Big data winners and losers: The ethics of algorithms
Bennett B. Borden, Drinker Biddle & Reath, USA
Title: SQL on big data – Technology, architecture and innovations
Sumit Pal, Independent Consultant , USA
Title: Regulatory learning: What framework can be proposed to ensure that the financial environment can be controlled?
Bertrand Hassani, Université Paris 1, France

Lunch Break

Title: Two applications of variable neighborhood search in data mining
Pierre Hansen, GERAD and HEC Montréal, Canada
Title: From knowledge to wealth: Intellectual property and technology licensing
Parameshwar P Iyer, Indian Institute of Science, India
Title: Big data analytics and visualization for healthcare – A glance into the AEGLE platform features via its presentation layer
Nada Philip, Kingston University London, UK
Title: Computerizing mathematical text, debugging proof assistants and object versus metal level
Fairouz Kamareddine, Heriot-Watt University, UK

Data Mining Applications in Science, Engineering, Healthcare and Medicine | Data Mining Methods and Algorithms | Data Mining Tools and Software | Big Data Applications | Data Mining Tasks and Processes | Data Privacy and Ethics | Big Data Technologies | Social network analysis | Business Analytics | Search and data mining | Clustering

Session Chair: Fionn Murtagh, University of Huddersfield, UK
Session Co-chair: Narasimha Murty Yedidi, Electronic Arts, USA

Session Introduction

Title: An innovation framework for big data
Knut Hinkelmann, FHNW University of Applied Sciences and Arts, Switzerland
Title: Prune the inputs, increase data volume, or select a different classification method – A strategy to improve accuracy of classification
Alla Sapronova, Uni Research Computing, Norway
Title: Business analytics applications in budget modelling to improve network performance
Eleni Rozaki, Institute of Technology Tallaght, Ireland

Networking and Refreshments Break

Title: Powerful and novel multivariate statistical approaches in big data sets and in data mining with applications to bio-, medical-, and material-Informatics
Derrick K. Rollins, Iowa State University, USA
Title: Contextual exploration (EC3): A strategy for the detection, extraction and visualization of target data
Christophe Jouis, LIP6 (CNRS -UPMC Sorbonne Université), France
Title: Objective function-based clustering via near-Boolean optimization
Giovanni Rossi, University of Bologna, Italy
Title: Data mining via entropy: Application on trade database
Abdul Basit, State Bank of Pakistan, Pakistan

Young Researchers Forum

YRF: Implementation and performance comparison of wilson, holdout, and multiedit algorithm for edited k-nearest neighbor
Febriana Misdianti, University of Manchester School of Computer Science, UK
YRF: Deep learning classification for large behavioral data
Sofie De Cnudde, Antwerp University, Belgium

Video Presentation

Title: ADaGe – Automated dataset generator
Joseph Bonello, University of Malta, Malta
Title: Data mining applied to robotics
Jose Manuel Lopez-Guede, University of the Basque Country, Spain

Panel Discussion

Awards & Closing Ceremony

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3rd International Conference on

Big Data Analysis & Data Mining

September 26-27, 2016 London,UK

Scientific Program



Day 1 September 26, 2016

Registrations

Hall C

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: Alignment and convergence of knowledge discovery and hpc
Thomas Sterling, Indiana University, USA

Networking and Refreshment Break

Title: Geometric data analysis: analytics of processes and behaviours
Fionn Murtagh, University of Derby, UK

Title: Scientific discovery by machine intelligence-a new avenue for drug discovery
Carlo A Trugenberger, InfoCodex AG-Semantic Technologies, Switcherland

Panel Discussion

Group Photo 12:50-12:55

Lunch Break

Session : Data Mining Applications in Science, Engineering, Healthcare and Medicine | Artificial Intelligence | Optimization and Big Data | Data Mining analysis | Business analytics | OLAP technologies | Big Data algorithm | ETL (Extract, Transform and Load) | New visualization techniques

Session Chair: Yedidi Narasimha Murty, Electronic Arts, USA

Session Introduction

Title: Application of rough sets and dempster-shafer's evidence theory in spatial data mining
Iftikhar U Sikder, Cleveland State University, USA

Title: Simulation, modelling and diagnostics-From the "health" of spacecrafts to the health of astronauts
Jacopo Biancat, Systems & Advanced Technologies Engineering, Italy

Title: Mining performance management applying data analytics and artificial intelligence methodologies
Burcin Ozturk Demirhanoz, WesTrac CAT, Australia

Title: Weather insights using big data analytics
Hongfei Li, IBM Analytics, USA

Networking and Refreshment Break

Title: Resolution-based outlier factor and outlier mining algorithm for engineering applications
Hongqin Fan, The Hong Kong Polytechnic University, Hong Kong

Title: Mining biological networks in health and disease
Sophia Tsoka, King's College London, UK

Panel Discussion

Day 2 September 27, 2016

Hall C

Keynote Forum

Title: Extensions of dynamic programming for decision tree study
Mikhail Moshkov, King Abdullah University of Science and Technology, Saudi Arabia

Title: Data mining with data visualization
Robert S Laramee, Swansea University, UK

Networking and Refreshment Break

Session : Big Data Applications | Data Mining Methods and Algorithms | Big data technologi Open data

Session Chair: Fionn Murtagh, University of Derby, UK

Session Introduction

Title: Research issues and applications of geo-spatial big data in government sector

Jiping Liu, Chinese Academy of Surveying and Mapping, China

Title: Libraries in the big data era strategies and challenges in archiving and sharing research data

Peter Löwe, Leibniz Information Centre for Science and Technology, Germany

Title: Research on spatial outlier mining algorithm based on distributed computing

Wangjun He, Chinese Academy of Surveying and Mapping, China

Lunch Break

Poster Presentations

Title: Building cluster-based word networks from textual data

Han-joon Kim, University of Seoul, Korea

Title: Research on the spatial differentiation of urban population along middle and lower reached of the YangZi River region based on GWT

Agen Qiu, Chinese Academy of Surveying and Mapping, China

Title: Affecting features and fractal characteristic of urbanization in the pan yangtze river delta based on GWR

Liang Wang, Chinese Academy of Surveying and Mapping, China

Video Presentation

Title: Security issues, challenges and opportunities in mobile cloud computing

Kahkashan Tabassum, Princess Nourah Bint Abdulrahman University, Saudi Arabia

Young Researchers Forum

Title: Automatic identification of irrelevant features for clustering with artificial neural network map on synthetic datasets

Aliyu Usman Ahmad, University of Aberdeen, UK

Title: Macroinvertebrate based mathematical models for the prediction of microbial pathogens in rivers

Rubén Jerves cobo, Ghent University, Belgium

Networking and Refreshment Break

Title: Exploring knowledge flows in citizen e-participation data

Daniele Menezes Nascimento, McGill University, Canada

Title: Educational data mining to inspect low academic performance areas of the students using ensemble classification

Khawar Shakeel, University of Gujrat, Pakistan

Panel Discussion

Award ceremony

Bookmark your dates

4th International Conference on

Big Data Analysis & Data Mining

August 02-03, 2017 Milan, Italy

e-mail: datamining@conferenceseries.net

Website: datamining.conferenceseries.com

Scientific Program

Day 1 November 30, 2015

Registrations

Hall Texas C



Opening Ceremony

Keynote Talk

Title: How to Make Big Data Analytics More Interactive?
Dominik Slezak, University of Warsaw, Poland

Coffee Break @ Foyer: 10:45-11:00

Speaker Sessions

Track 1: Data Mining Methods and Algorithms
Track 2: Data Mining Tasks and Processes
Track 4: Big Data Applications
Track 5: Data Mining Tools and Software
Track 6: Data Warehousing
Track 7: Artificial Intelligence

Session Chair: Dominik Slezak

Speaker Session Introduction

Title: Enhancement of enterprise search with neural language model
Pengchu Zhang, Sandia National Laboratories, USA
Title: Big data for official statistics
Pilar Rey del Castillo, Instituto de Estudios Fiscales, Spain
Title: Novel technique to determine Age and Gender from digital photograph
Pooja Jain, University of Windsor, Canada
Title: Evaluating IT helpdesk technologies for improving users' satisfaction
Yas A Alsultanny, Arabian Gulf University College of Graduate Studies, Bahrain

Group Photo

Lunch Break

WORKSHOP By Dominik Slezak

Title: Big Data Analytics with Approximate SQL
Title: Implementing machine learning for big data analytics, challenges and solutions
Ahmed N AL-Masri, American University in the Emirates, UAE

Coffee Break

Panel Discussion

Day 2 December 01, 2015

Hall Texas C

Keynote Talk

Title: Models for the prediction of rockburst indexes
Luis Sousa, China University of Mining and Technology, China

Speaker Sessions

Track 3: Data Mining Applications
Track 4: Big Data Applications
Track 7: Artificial Intelligence

Session Chair: Luis Sousa

Speaker Session Introduction

Title: Using the Oracle to improve the quality of predictions
E Cabral Balreira, Trinity University, USA
Title: Oil price forecasting using gene expression programming and artificial neural networks
Mohamed M Mostafa, Gulf University for Science and Technology, Kuwait

Coffee Break

Title: A case study on the application of process mining techniques in offshore plant construction process analysis

SookYoung Son, Hyundai Heavy Industries, South Korea
Title: Knowledge pit platform for modern data mining competitions
Dominik Slezak, University of Warsaw, Poland
Title: Data Mining Tools and Software
Ogunjobi Olivia Abiola, Dangote Group, Nigeria

Lunch Break

WORKSHOP By Luis Sousa

Title: Data Mining and Geo-Engineering

Coffee Break

Poster Presentation

Title: Selecting Training Documents for Better Learning
Abdulmohsen Algarni, King Khalid University, Saudi Arabia
Title: Wafer yield prediction based on virtual metrology process parameters in semiconductor manufacturing
Wan Sik Nam, Korea University, South Korea
Title: The Effects of Google Trends on Tourism Industry in South Korea
David Sung, KyungHee University School of Management Graduate School, South Korea
Title: A Robust Coefficient of Variation Control Chart
Ali Muzaffar, State Bank of Pakistan, Pakistan

Closing Ceremony

Bookmark your dates

3rd International Conference on

Big Data Analysis and Data Mining

September 26-28, 2016 London, UK

Website: datamining.conferenceseries.com

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Australia: +1-800-651-097
Europe: 0805-080048

Scientific Program

Day 1 November 30, 2015

09:00-10:00 Registrations

Hall Texas C

09:30-10:00 Opening Ceremony

Keynote Talk	
10:00-10:45	**Title: How to Make Big Data Analytics More Interactive?** **Dominik Slezak**, University of Warsaw, Poland
Coffee Break @ Foyer: 10:45-11:00	
Speaker Sessions	
Track 1: Data Mining Methods and Algorithms **Track 2: Data Mining Tasks and Processes** **Track 4: Big Data Applications** **Track 5: Data Mining Tools and Software** **Track 6: Data Warehousing** **Track 7: Artiicial Intelligence**	
Session Chair: Dominik Slezak	
Speaker Session Introduction 11:00-11:05	
11:05-11:35	**Enhancement of enterprise search with neural language model** **Pengchu Zhang**, Sandia National Laboratories, USA
11:35-12:05	**Big data for oficial statistics** **Pilar Rey del Castillo**, Instituto de Estudios Fiscales, Spain
12:05-12:35	**Novel technique to determine Age and Gender from digital photograph** **Pooja Jain**, University of Windsor, Canada
12:35-13:05	**Evaluating IT helpdesk technologies for improving users' satisfaction** **Yas A Alsultanny**, Arabian Gulf University College of Graduate Studies, Bahrain
Group Photo: 13:05-13:10	
Lunch Break @ Texas A: 13:10-13:40	
WORKSHOP By Dominik Slezak	
13:40-15:30	**Big Data Analytics with Approximate SQL**
15:30-16:00	**Implementing machine learning for big data analytics, challenges and solutions** **Ahmed N AL-Masri**, American University in the Emirates, UAE
Coffee Break @ Foyer: 16:00-16:15	
Panel Discussion	

Day 2 December 01, 2015	
Hall Texas C	
Keynote Talk	
09:00 - 9:40	**Title: Models for the prediction of rockburst indexes** **Luis Sousa**, China University of Mining and Technology, China
Speaker Sessions	
Track 3: Data Mining Applications **Track 4: Big Data Applications** **Track 7: Artiicial Intelligence**	
Session Chair: Luis Sousa	
Speaker Session Introduction 09:40-09:45	
09:45-10:15	**Using the Oracle to improve the quality of predictions**
	E Cabral Balreira, Trinity University, USA
10:15-10:45	**Oil price forecasting using gene expression programming and artiicial neural networks**
	Mohamed M Mostafa, Gulf University for Science and Technology, Kuwait
Coffee Break @ Foyer 10:45-11:00	
11:00-11:30	**A case study on the application of process mining techniques in offshore plant construction process analysis**
	SookYoung Son, Hyundai Heavy Industries, South Korea
11:30-12:00	**Knowledge pit platform for modern data mining competitions**
	Dominik Slezak, University of Warsaw, Poland
12:00-12:30	**Data Mining Tools and Software**
	Ogunjobi Olivia Abiola, Dangote Group, Nigeria
Lunch Break @ Texas A: 12:30-13:00	
WORKSHOP By Luis Sousa	
13:00-16:00	**Title: Data Mining and Geo-Engineering**
Coffee Break @ Foyer: 16:00-16:15	
Poster Presentation	
16:15–16:45	**Selecting Training Documents for Better Learning**
	Abdulmohsen Algarni, King Khalid University, Saudi Arabia
	Wafer yield prediction based on virtual metrology process parameters in semiconductor manufacturing
	Wan Sik Nam, Korea University, South Korea
	The Effects of Google Trends on Tourism Industry in South Korea
	David Sung, KyungHee University School of Management Graduate School, South Korea
	A Robust Coeficient of Variation Control Chart
	Ali Muzaffar, State Bank of Pakistan, Pakistan
Closing Ceremony	

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