

3rd International Conference on

Big Data Analysis & Data Mining

September 26-27, 2016 London, UK

Scientific Program



Hall C

conference**series.com** 09.45-10:15

Opening Ceremony

Keynote Forum

Introduction

10:15-11:00 **Title: Alignment and convergence of knowledge discovery and hpc**
Thomas Sterling, Indiana University, USA

Networking and Refreshment Break 11:00-11:20

11:20-12:05 **Title: Geometric data analysis: analytics of processes and behaviours**
Fionn Murtagh, University of Derby, UK

12:05-12:50 **Title: Scientific discovery by machine intelligence-a new avenue for drug discovery**
Carlo A Trugenberger, InfoCodex AG-Semantic Technologies, Switzerland

Panel Discussion

Group Photo 12:50-12:55

Lunch Break 12:55-13:40

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

13:40-14:10 **Title: Application of rough sets and Dempster-Shafer's evidence theory in spatial data mining**
Iftikhar U Sikder, Cleveland State University, USA

14:10-14:40 **Title: Simulation, modelling and diagnostics-From the "health" of spacecrafts to the health of astronauts**

Jacopo Biancat, Systems & Advanced Technologies Engineering, Italy

14:40-15:10 **Title: Mining performance management applying data analytics and artificial intelligence methodologies**

Burcin Ozturk Demirhanoz, WesTrac CAT, Australia

15:10-15:40 **Title: Weather insights using big data analytics**
Hongfei Li, IBM Analytics, USA

Networking and Refreshment Break 15:40-16:00

16:00-16:30 **Title: Resolution-based outlier factor and outlier mining algorithm for engineering applications**
Hongqin Fan, The Hong Kong Polytechnic University, Hong Kong

16:30-17:00 **Title: Mining biological networks in health and disease**
Sophia Tsoka, King's College London, UK

Panel Discussion

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Keynote Forum

09:30-10:15 **Title: Extensions of dynamic programming for decision tree study**
Mikhail Moshkov, King Abdullah University of Science and Technology, Saudi Arabia

10:15-11:00 **Title: Data mining with data visualization**
Robert S Laramee, Swansea University, UK

Networking and Refreshment Break 11:00-11:20

11:20-11:50 **Title: Research issues and applications of geo-spatial big data in government sector**
Jiping Liu, Chinese Academy of Surveying and Mapping, China

11:50-12:20 **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

12:20-12:50 **Title: Research on spatial outlier mining algorithm based on distributed computing**
Wangjun He, Chinese Academy of Surveying and Mapping, China

Poster Presentations

13:35-14:00 **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

14:00-14:30 **Title: Security issues, challenges and opportunities in mobile cloud computing**
Kahkashan Tabassum, Princess Nourah Bint Abdulrahman University, Saudi Arabia

Young Researchers Forum

14:30-15:00 **Title: Automatic identification of irrelevant features for clustering with artificial neural network map on synthetic datasets**

Aliyu Usman Ahmad, University of Aberdeen, UK

15:00-15:30 **Title: Macroinvertebrate based mathematical models for the prediction of microbial pathogens in rivers**
Rubén Jerves cobo, Ghent University, Belgium

Networking and Refreshment Break 15:30-15:50

15:50-16:20 **Title: Exploring knowledge flows in citizen e-participation data**
Daniele Menezes Nascimento, McGill University, Canada

16:20-16:50 **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

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