3rd International Conference on

**Big Data Analysis & Data Mining**

September 26-27, 2016  London, UK

Scientific Program
Day 1  September 26, 2016

09:00-09:45 Registrations

Hall C

Opening Ceremony

Conf\textregistered\textenquote{Conference Series} 09.45-10.15

Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15-11:00</td>
<td>Title: Alignment and convergence of knowledge discovery and hpc</td>
<td>Thomas Sterling, Indiana University, USA</td>
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</tbody>
</table>

Networking and Refreshment Break 11:00-11:20

<table>
<thead>
<tr>
<th>Time</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>11:20-12:05</td>
<td>Title: Geometric data analysis: analytics of processes and behaviours</td>
<td>Fionn Murtagh, University of Derby, UK</td>
</tr>
<tr>
<td>12:05-12:50</td>
<td>Title: Scientific discovery by machine intelligence—a new avenue for drug discovery</td>
<td>Carlo A Trugenberger, InfoCodex AG-Semantic Technologies, Switzerland</td>
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</tbody>
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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

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>13:40-14:10</td>
<td>Title: Application of rough sets and dempster-shafer's evidence theory in spatial data mining</td>
<td>Iftikhar U Sikder, Cleveland State University, USA</td>
</tr>
<tr>
<td>14:10-14:40</td>
<td>Title: Simulation, modelling and diagnostics-From the “health” of spacecrafts to the health of astronauts</td>
<td>Jacopo Biancat, Systems &amp; Advanced Technologies Engineering, Italy</td>
</tr>
<tr>
<td>14:40-15:10</td>
<td>Title: Mining performance management applying data analytics and artificial intelligence methodologies</td>
<td>Burcin Ozturk Demirhanoz, WesTrac CAT, Australia</td>
</tr>
<tr>
<td>15:10-15:40</td>
<td>Title: Weather insights using big data analytics</td>
<td>Hongfei Li, IBM Analytics, USA</td>
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</table>

Networking and Refreshment Break 15:40-16:00

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>16:00-16:30</td>
<td>Title: Resolution-based outlier factor and outlier mining algorithm for engineering applications</td>
<td>Hongqin Fan, The Hong Kong Polytechnic University, Hong Kong</td>
</tr>
<tr>
<td>16:30-17:00</td>
<td>Title: Mining biological networks in health and disease</td>
<td>Sophia Tsoka, King’s College London, UK</td>
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</tbody>
</table>

Panel Discussion

Day 2  September 27, 2016

Hall C

Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>09:30-10:15</td>
<td>Title: Extensions of dynamic programming for decision tree study</td>
<td>Mikhail Moshkov, King Abdullah University of Science and Technology, Saudi Arabia</td>
</tr>
<tr>
<td>10:15-11:00</td>
<td>Title: Data mining with data visualization</td>
<td>Robert S Laramee, Swansea University, UK</td>
</tr>
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Networking and Refreshment Break 11:00-11:20
Session: Big Data Applications | Data Mining Methods and Algorithms | Big data technology | Open data

Session Chair: Fionn Murtagh, University of Derby, UK

Session Introduction

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

Lunch Break 12:50-13:35

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

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

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

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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Website: datamining.conferenceseries.com