

# The International Workshop on Knowledge Management and Big Data Analytics Program

**Date:** 6<sup>th</sup> Oct, 2013

**Venue:** Ballroom F, Hyatt Regency, Santa Clara CA, USA

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| 8:30 – 8:50   | <b>Opening</b><br>Prof. Chen Ding  |
| 8:50 – 9:20   | <b>Exploring Big Data in Small Forms: A Multi-layered Knowledge Extraction of Social Networks</b><br>Yun Wei Zhao, Willem-Jan van den Heuvel, and Xiaojun Ye                     |
| 9:20 – 9:50   | <b>Core-based Community Evolution in Mobile Social Networks</b><br>Hao Xu, Weidong Xiao, Daquan Tang, and Jiuyang Tang   |
| 9:50 – 10:20  | Coffee break (Foyer)   |
| 10:20 – 10:50 | <b>A Distributed Approach for Graph-Oriented Multidimensional Analysis</b><br>Benoît Denis, Amine Ghrab, and Sabri Skhiri  |
| 10:50 – 11:20 | <b>Provenance Comparison for Large-Scale Knowledge Discovery</b><br>Xiang Zhao, Bin Ge, Jiuyang Tang, Weidong Xiao, and Haichuan Shang   |
| 11:20 – 11:50 | <b>Managing Massive Graphs in Relational DBMS</b><br>Ruiwen Chen   |
| 11:50 – 13:30 | Lunch  |
| 13:30 – 14:00 | <b>ADraw: A Novel Social Network Visualization Tool with Attribute-based Layout and Coloring</b><br>Zhenwen Wang, Weidong Xiao, Bin Ge, and Hao Xu                               |
| 14:00 – 14:30 | <b>Constructing E-Tourism Platform Based on Service Value Broker: A Knowledge Management Perspective</b><br>Yucong Duan, Yongzhi Wang, Jinpeng Wei, Ajay Kattepur, and Wencai Du |

- 14:30 – 15:00      **IntegrityMR: Integrity Assurance Framework for Big Data Analytics and Management Applications**  
Yongzhi Wang, Jinpeng Wei, Mudhakar Srivatsa, Yucong Duan, and Wencai Du
- 15:00 – 15:30      **Local Join Optimization over a Heterogeneously Distributed Scientific Database**  
Helen Xiang
- 15:30 – 16:00      Coffee break (Foyer)
- 16:00 – 16:30      **Super-sequence Frequent Pattern Mining on Sequential Dataset**  
Xinran Yu and Turgay Korkmaz