**Conference Program**

The conference sessions will be held in the Conference Centre, Chutian Guangdong International Hotel.

**Tuesday, September 27, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>pm</td>
<td>Arrival: accommodation check-in at the reception of the Chutian Guangdong International Hotel</td>
</tr>
<tr>
<td>17:00 – 18:30</td>
<td>Conference Registration</td>
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</tbody>
</table>

**Wednesday, September 28, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08:00 – 17:00</td>
<td>Conference Registration</td>
</tr>
<tr>
<td>09:00 – 09:30</td>
<td>Opening Plenary <em>(Room A)</em></td>
</tr>
<tr>
<td>09:30 – 10:20</td>
<td><strong>Keynote Speech:</strong> “An Application of the IoT in Belt Conveyor Systems”, Prof. Gabriel Lodewijks, Delft University of Technology, The Netherlands <em>(Room A)</em></td>
</tr>
<tr>
<td>10:20 – 10:30</td>
<td>Coffee\Tea break</td>
</tr>
<tr>
<td>10:30 – 11:20</td>
<td><strong>Keynote Speech:</strong> “Towards Multi-Layer Interoperability of IoT Platforms: the INTER-IoT approach”, Prof. Giancarlo Fortino, DIMES-University of Calabria, Italy <em>(Room A)</em></td>
</tr>
<tr>
<td>11:20 – 11:30</td>
<td>Coffee\Tea break</td>
</tr>
<tr>
<td>11:30 – 12:20</td>
<td><strong>Keynote Speech:</strong> “Developments and Prospects of Intelligent Water Transport in China”, Prof. Xinping Yan, Wuhan University of Technology, China <em>(Room A)</em></td>
</tr>
<tr>
<td>12:30 – 13:30</td>
<td>Lunch</td>
</tr>
<tr>
<td>14:00 – 15:40</td>
<td>Session B1: Room B</td>
</tr>
<tr>
<td>15:40 – 16:00</td>
<td>Tea break</td>
</tr>
<tr>
<td>16:00 – 17:00</td>
<td>Session B2: Room B</td>
</tr>
<tr>
<td>17:30 –</td>
<td>Dinner</td>
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</tbody>
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Thursday, September 29, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>09:00 – 09:50</td>
<td><strong>Keynote Speech</strong>: “IoT and Big Data in Intelligent Buildings”, Prof. Weiming Shen, National Research Council Canada, Canada <em>(Room A)</em></td>
</tr>
<tr>
<td>09:50 – 10:00</td>
<td>Coffee/Tea break</td>
</tr>
<tr>
<td>10:00 – 10:50</td>
<td><strong>Keynote Speech</strong>: “Semantic Web Technology for Industrial Internet of Things”, Prof. Haibin Yu, Shenyang Institute of Automation, Chinese Academy of Sciences, China <em>(Room A)</em></td>
</tr>
<tr>
<td>10:50 – 11:00</td>
<td>Coffee/Tea break</td>
</tr>
<tr>
<td>11:00 – 11:50</td>
<td><strong>Keynote Speech</strong>: “Security and Privacy in Social Networks”, Prof. Yang Xiang, Centre for Cyber Security Research, Deakin University, Australia <em>(Room A)</em></td>
</tr>
<tr>
<td>12:00 – 13:30</td>
<td>Lunch</td>
</tr>
<tr>
<td>14:00 – 15:20</td>
<td>Session B3: Room B  Session C3: Room C  Session D3: Room D</td>
</tr>
<tr>
<td>15:20 – 15:30</td>
<td>Tea break</td>
</tr>
<tr>
<td>15:30 – 17:00</td>
<td>Session B4: Room B  Session C4: Room C  Session D4: Room D</td>
</tr>
<tr>
<td>17:30 –</td>
<td>Banquet</td>
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Friday, September 30, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>09:00 – 09:50</td>
<td>Career Forums</td>
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<tr>
<td>09:50 – 10:00</td>
<td>Coffee/Tea break</td>
</tr>
<tr>
<td>10:00 – 10:50</td>
<td>Career Forums</td>
</tr>
<tr>
<td>11:00 – 12:00</td>
<td>Closing Ceremony</td>
</tr>
<tr>
<td>12:00 – 14:00</td>
<td>Lunch</td>
</tr>
<tr>
<td>14:00 –</td>
<td>Departure</td>
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**Note:** Room A: The meeting room – Chutian Palace  
Room B: The meeting room – Fengming 1  
Room C: The meeting room – Fengming 2  
Room D: The meeting room – Fengwu 1

**Useful Information**

Local Airports
- Wuhan Tianhe International Airport (35.4 km)  
  Approximate fares: RMB: 101

Train Stations
- Wuhan Railway Station (10km)  
  Approximate fares: RMB: 24  
- Wuchang Railway Station (8km)  
  Approximate fares: RMB: 19  
- Hankou Railway Station (14.9)  
  Approximate fares: RMB: 39
Session Presentation

Session B1: Body Sensor Networks and Wearable Devices
Chair: Zhelong Wang, Meng Yu
21 Continuous Gesture Recognition Based on Hidden Markov Model. Meng Yu, Gang Chen, Zilong Huang, Qiang Wang and Yuan Chen.

Session B2: Application of Internet of Things (Part 1)
Chair: Guofu Luo, Guanyou Yang
15 Design of Distributed Logistics Vehicle Monitoring System with High Load. Shengwu Xiong, Na Wang, Li Kuang, Pengfei Duan and Fengjian Yu.
33 Improved CTP Routing Protocol Based on Ant Colony Algorithm. Guanyou Yang, Hao Chen and Xiong Gan.
63 Distributed Cooperative Flocking Control for Multiple Mobile Robots Based on IoT. Qiang Wang, Aosong Li and Tian Zhu.

Session B3: Distributed Computing and Big Data (Part 1)
Chair: Jingtao Sun, Xinyun Hu
40 LUTMap: A Dynamic Heuristic Application Mapping Algorithm Based on Lookup Tables. Thomas Canhao Xu and Ville Leppänen.

Session B4: Distributed Computing and Big Data (Part 2)
Chair: Yin Zhang, Zhongtang Zhao
56 Predicting Telecommunication Customer Churn Using Data Mining Techniques. Diana AlOmari and Mohammad Mehedi Hassan.
60 SLOSELM: Self Labeling Online Sequential Extreme Learning Machine. Zhongtang Zhao, Li Liu, Lingling Li and Qian Ma.

Session C1: Cloud Computing and Networking
Chair: Giuseppe Di Fatta, Rajat Saxena
13 SDNFV-Based Routing Service Composition Model. Chao Bu, Xingwei Wang, Lianbo Ma and Min Huang.
26 Service Model Design and Application of Product Design and Component Procurement for Small and Medium Sized Concrete Mixer Manufacturers Based on Cloud Manufacturing.
Guofu Luo, Xianglong Yang and Jun Ma.
62 Cloud-Based Wheelchair Assist System for Mobility Impaired Individuals. Congcong Ma, Wenfeng Li, Jingjing Cao, Raffaele Gravina and Giancarlo Fortino.

Session C2: Application of Internet of Things (Part 2)
Chair: Bin Li, Yun Luo
67 Logistics Vehicle Travel Preference of Interest Points Based on Speed and Accessory State. Shengwu Xiong, Li Kuang, Pengfei Duan and Wei Shi.
76 Tools for Ontology Matching—Practical Considerations from INTER-IoT Perspective. Maria Ganzha, Marcin Paprzycki, Wiesław Pawłowski, Paweł Szmeja, Katarzyna Wasielewska and Giancarlo Fortino.

Session C3: Wireless Sensing and Controlling Networks (Part 1)
Chair: Bin Lei, Ying Duan
25 Reliable Data Transmission Method for Hybrid Industrial Network Based on Mobile Object. Ying Duan, Wenfeng Li, Xiuwen Fu and Lin Yang.

Session C4: Wireless Sensing and Controlling Networks (Part 2)
Chair: Junqi Zhang, Jie Mei
31 A V-BLAST-Based Cooperative MIMO Transmission Scheme for Heterogeneous Wireless Sensor Networks. Guangyou Yang, Jun Li and Xiong Gan.
34 Analysis of the Intelligent Call System Based on the Emergency Rescue in China. Tianping Zhang, Lijie Li, Wenfeng Li and Jie Mei.
52 Distance Thresholds Analysis for Cooperative Beamforming in WSNs. Xiong Gan, Hong Lu and Guangyou Yang.
59 In-Transit Status Perception of Freight Containers Logistics Based on Multi-sensor Information. Qingxia Li, Xiaohua Cao and Huan Xu.

Session D1: Distributed Scheduling and Optimization
Chair: Lanbo Zheng, Xiaolei Liang
35 Multi-objective Optimization of Warehouse System Based on the Genetic Algorithm. Ting Wu, Hao Wang and Zhe Yuan.
Session D2: Smart Networked Transportation and Logistics (Part 1)
Chair: Xiaoli Jiang, Jiujun Cheng

Session D3: Smart Networked Transportation and Logistics (Part 2)
Chair: Xiaoli Jiang, Xin Tang
53 Urban Traffic Congestion Based on System Dynamics: Taking Wuhan City as an Example. Kaikai He and Yan Chen.
71 Development Strategy of Agriculture Product Logistic in Guizhou Province on the Transportation Network Context. Shanmei Song, Meirong Qiu, Wenfeng Li and Qiaoxing Li.

Session D4: Smart Networked Transportation and Logistics (Part 3)
Chair: Xiaoli Jiang, Shanmei Song
72 The Development Strategies of Logistics in Chongqing City Based on the Complex Traffic Network. Shanmei Song, Shuaijun Chen, Wenfeng Li and Qiaoxing Li.
74 The Performance Appraisal of Port Logistics Informationization. Hongming Chen and Yan Chen.