

**Pacific Asia Workshop on  
Intelligence and Security Informatics (PAISI 2011)**

@IEEE ISI 2011

Beijing, China. July 9, 2011

Location: Meeting Room 4, 1st Floor, Ruibin Building, Beijing Friendship Hotel, Beijing, China

**Workshop Program**

8:30 AM -5:30 PM	<b>Registration</b>
9:00 AM	<p><b>Opening and Keynote Speech</b> Session Chair: Alan G. Wang</p> <p>Keynote Speech: Engineering Security with Abstract State Machines <i>Uwe Glässer</i> <i>Professor of Computing Science, Simon Fraser University, Canada</i></p>
10:00 AM	<p><b>Session 1: Intelligence Analysis and Knowledge Discovery</b> Session Chair: Xiaolong Zheng</p> <p>Agent-Based Modeling of Netizen Groups in Chinese Internet Events <i>Zhangwen Tan, Xiaochen Li, and Wenji Mao</i></p> <p>Estimating Collective Belief in Fixed Odds Betting <i>Weiyun Chen, Xin Li, and Daniel Zeng</i></p> <p>Topic-Oriented Information Detection and Scoring * <i>Saike He, Xiaolong Zheng, Changli Zhang, and Lei Wang</i></p>
11:05 AM	<b>Session Break</b>
11:25 AM	<p><b>Session 2: Information Access and Security</b> Session Chair: Yong Yuan</p> <p>Dual-Verifiers DVS with Message Recovery for Tolerant Routing in Wireless Sensor Networks <i>Mingwu Zhang, Tsuyoshi Takagi, and Bo Yang</i></p> <p>Two Protocols for Member Revocation in Secret Sharing Schemes * <i>Jia Yu, Fanyu Kong, Xiangguo Cheng, and Rong Hao</i></p>
12:00 PM	<b>Lunch (Coffee House, Friendship Palace)</b>
1:30 PM	<p><b>Session 3: Terrorism Informatics and Crime Analysis</b> Session Chair: Sajimon Abraham</p> <p>Spatio-temporal Similarity of Web User Session Trajectories and Applications in Dark Web Research (<i>Best Paper Nominee</i>) <i>Sajimon Abraham and P. Sojan Lal</i></p> <p>Specific Similarity Measure for Terrorist Networks: How Much Similar Are Terrorist Networks of Turkey <i>Fatih Ozgul, Ahmet Celik, Claus Atzenbeck, and Zeki Erdem</i></p> <p>Social Network Analysis Based on Authorship Identification for Cybercrime Investigation * <i>Jianbin Ma, Guifa Teng, Shuhui Chang, Xiaoru Zhang, and Ke Xiao</i></p>

2:35 PM	<b>Session Break</b>
2:55 PM	<p><b>Session 4: Infectious Disease Informatics I</b>  Session Chair: Zhidong Cao</p> <p>A Geospatial Analysis on the Potential Value of News Comments in Infectious Disease Surveillance  <i>Kainan Cui, Zhidong Cao, Xiaolong Zheng, Daniel Zeng, Ke Zeng, and Min Zheng</i></p> <p>Modeling and Simulation for the Spread of H1N1 Influenza in School Using Artificial Societies  <i>Wei Duan, Zhidong Cao, Yuanzheng Ge, and Xiaogang Qiu</i></p> <p>An Online Real-time System to Detect Risk for Infectious Diseases and Provide Early Alert *  <i>Liang Fang and Zhidong Cao</i></p>
4:00 PM	<p><b>Session 5: Infectious Disease Informatics II</b>  Session Chair: Alan G. Wang</p> <p>The Impact of Community Structure of Social Contact Network on Epidemic Outbreak and Effectiveness of Non-pharmaceutical Interventions (<i>Best Paper Nominee</i>)  <i>Youzhong Wang, Daniel Zeng, Zhidong Cao, Yong Wang, Hongbin Song, and Xiaolong Zheng</i></p> <p>Using Spatial Prediction Model to Analyze Driving Forces of the Beijing 2008 HFMD Epidemic *  <i>Jiaojiao Wang, Zhidong Cao, Quanyi Wang, Xiaoli Wang, and Hongbin Song</i></p>

Regular papers: 25 minutes (20 minutes for presentation and 5 minutes for Q&A)

\*Short papers: 15 minutes (10 minutes for presentation and 5 minutes for Q&A)