

CALL FOR PARTICIPATION

Pacific Asia Workshop on Intelligence and Security Informatics (PAISI 2007)

Workshop Website: <http://isi.se.cuhk.edu.hk/>

April 11-12, 2007, Chengdu, China

Workshop Scope

Intelligence and Security Informatics (ISI) is concerned with the study of the development and use of advanced information technologies and systems for national, international, and societal security-related applications. The annual IEEE International Conference series on ISI was started in 2003 and the first four meetings were held in the United States. In 2006, the Workshop on ISI (<http://isi.se.cuhk.edu.hk/2006/>) was held in Singapore in conjunction with the Pacific Asia Conference on Knowledge Discovery and Data Mining, with most contributors and participants from the Pacific Asia region. These past ISI conferences have brought together academic researchers, law enforcement and intelligence experts, information technology consultant and practitioners to discuss their research and practice related to various ISI topics including ISI data management, data and text mining for ISI applications, terrorism informatics, deception and intent detection, terrorist and criminal social network analysis, public health and bio-security, crime analysis, cyber-infrastructure protection, transportation infrastructure security, policy studies and evaluation, information assurance, among others. We continue this stream of ISI conferences by organizing the 2007 Pacific Asia Workshop on ISI (PAISI 2007) to especially provide a stimulating forum for ISI researchers in Pacific Asia and other regions of the world to exchange ideas and report research progress. The workshop also welcomes contributions dealing with ISI challenges specific to the Pacific Asia region.

Areas of Interest

Topics include but are not limited to:

I. Information Sharing and Data/Text Mining

- Intelligence-related knowledge discovery
- Criminal data mining and network analysis
- Criminal/intelligence information sharing and visualization
- Web-based intelligence monitoring and analysis
- Spatio-temporal data analysis/GIS for crime analysis and security informatics
- Deception and intent detection
- Cyber-crime detection and analysis
- Authorship analysis and identification
- Applications of digital library technologies in intelligence data processing, preservation, sharing, and analysis
- Agents and collaborative systems for intelligence sharing
- HCI and user interfaces of relevance to intelligence and security
- Information sharing policy and governance
- Privacy and civil liberties issues

II. Infrastructure Protection and Emergency Responses

- Public/animal health and bioterrorism information infrastructure
- Transportation and communication infrastructure protection
- Cyber-infrastructure design and protection
- Intrusion detection
- Border/transportation safety
- Emergency response and management
- Disaster prevention, detection, and management
- Communication and decision support for search and rescue
- Assisting citizens' responses to terrorism and catastrophic events

III. Terrorism Informatics

- Terrorism related analytical methodologies and software tools
- Terrorism knowledge portals and databases
- Terrorist incident chronology databases
- Terrorism root cause analysis
- Social network analysis (radicalization, recruitment, conducting operations), visualization, and simulation
- Forecasting terrorism
- Countering terrorism
- Measuring the impact of terrorism on society
- Measuring the effectiveness of counter-terrorism campaigns

Hosts and Major Sponsors

Chinese Academy of Sciences, The University of Arizona

Organizing Committee

Honorary Co-chairs

Hsinchun Chen, University of Arizona, USA
Fei-Yue Wang, Chinese Academy of Sciences, China

Workshop Co-chairs

Jue Wang, Chinese Academy of Sciences, China
Daniel Zeng, University of Arizona, USA
Chris Yang, The Chinese University of Hong Kong

Program Co-chairs

Michael Chau, University of Hong Kong
Kuiyu Chang, Nanyang Technological Univ., Singapore
Qing Yang, Chinese Academy of Sciences, China
Xueqi Cheng, Chinese Academy of Sciences

Workshop Registration

Registration can be submitted at our Online Registration system at <https://paisi.mosuma.com/>.

Registration Fee: Regular: US\$350 or RMB2780 Student: US\$200 or RMB1580

Onsite registration: Regular: US\$400 or RMB3160 Student: US\$270 or RMB2140

Workshop proceedings, participation, all the meals during the workshop will be covered by the Workshop Registration fee.

Group rate is available, please email to zeng@email.arizona.edu for more information

Post-Workshop Tour to JiuZhaiGou (九寨沟)

A Post-Workshop Tour to the most famous scenery in the region: JiuZhaiGou (9-County-Valley) and HuangLong Valley (Yellow Dragon) will be organized during Apr 12 afternoon to Apr 14. Current plan for the trip is as follows: Apr 12: flying to 9-County-Valley in the late afternoon/evening; Apr. 13: full day at 9-County-Valley; Apr. 14: half day at Yellow Dragon; flight back to Chengdu Apr. 14 in the afternoon or early evening. The fee is estimated to be around US\$370 covering all the costs (including airfare, meals, all local travels, and hotel). Please do NOT include your tour fee in the registration; it will be charged separately after the exact amount is confirmed.

