Pacific Asia Workshop on Intelligence and Security Informatics (PAISI 2007)
Workshop Website: http://isi.se.cuhk.edu.hk/
April 11-12, 2007, Chengdu, China

Important Dates

- Submission due   November 15, 2006
- Notification of acceptance   December 20, 2006
- Camera-ready copy due   January 15, 2007

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.

Paper Submission/Areas of Interest

Submissions may include systems, methodology, testbed, modeling, evaluation, and policy papers. Research should be directly relevant to *both* informatics and national/international/societal security. 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

Long (12-page) and short (6-page) papers following the Springer LNCS paper templates in English may be submitted electronically via the workshop Web site after November 1, 2006. Submission file formats are PDF, Microsoft Word, or LaTeX. We are in the process of making arrangements with Springer to publish accepted PAISI 2007 papers in its Lecture Notes in Computer Science (LNCS) series, as for PAISI 2006. Required LNCS Microsoft Word/LaTeX templates can be found on the workshop Website. Authors who wish to only present a poster may submit a 2-page extended abstract, which will be reviewed and will appear in the Proceedings if accepted.

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