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Preface from the Pacific Asia Workshop on Intelligence and Security Informatics (PAISI 2008) Chairs

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 USA. 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 over 100 contributors and participants from all over the world. PAISI 2007 (http://isi.se.cuhk.edu.hk/2007/) was then held in Chengdu, China. These past ISI conferences have brought together academic researchers, law enforcement and intelligence experts, information technology consultants 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, and information assurance, among others. We continued the stream of ISI conferences by organizing the 2008 Pacific Asian Workshop on ISI (PAISI 2008) 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.

June 2008

Christopher C. Yang
Hsinchun Chen
Michael Chau
Kuiyu Chang
Daniel Zeng
Fei-Yue Wang
As personal computers and access to the Internet become more prevalent, modern society is becoming increasingly dependent on the computer and networking technology for storing, processing, and sharing data, and for email and message communication. Cybercrime in the broadest sense refers to any criminal activity in which computers or networks play an essential role, where computers may be used as a tool to commit a crime, as the victim, or may contain evidence of a crime. Examples of cybercrime include: possession of illegal digital materials, spreading virus, worm, or malicious code, email spamming, hacking, ID theft, economic espionage, information warfare, etc. Law enforcement and government agencies, corporate IT officers, and software vendors have worked together to assemble forensic computing tools, incident response policies, and best practices to train and fight against the surge of this new crime wave.

The 2008 Pacific Asia Workshop on Cybercrime and Computer Forensics (PACCF 2008) provided a forum for professionals in the computer forensics community and IT security industry, forensic computing software vendors, corporate and academic researchers, to disseminate ideas and experiences related to forensic computing especially in the context of cybercrime investigation. The PACCF 2008 Workshop received high-quality papers dealing with topics in cybercrimes and computer (digital) forensics. The workshop organizers would like to thank contributing authors for their interest in the workshop and the Program Committee members for their effort and assistance in reviewing the papers and providing feedback to the authors.

June 2008
Sheau-Dong Lang
Raymond Hsieh
Patrick S. Chen
Social computing can be broadly defined as computational facilitation of social studies and human social dynamics as well as the design and use of information and communication technologies that consider the social context. In recent years, social computing has become one of the central themes across a number of information and communications technology (ICT) fields and has attracted significant interest from not only researchers in computing and social sciences, but also software and online game vendors, Web entrepreneurs, political analysts, and digital government practitioners, among others.

The First Workshop on Social Computing (SOCO 2008) brought together social computing researchers to address a wide range of methodological and application-driven topics, employing research methods from both computational sciences and social sciences. The one-day workshop program included 12 long papers, 11 short papers, and 2 posters. The co-hosts of SOCO 2008 were the University of Arizona, the Chinese Academy of Sciences, and Carnegie Mellon University.

June 2008

Daniel Zeng
Fei-Yue Wang
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