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Nota di contenuto	Keynote Speech -- Data Mining for Security Applications -- Web and Text Mining for Terrorism Informatics -- Unraveling International Terrorist Groups' Exploitation of the Web: Technical Sophistication, Media Richness, and Web Interactivity -- Multi-lingual Detection of Terrorist Content on the Web -- INEXT: An Investigative Search Tool for

Knowledge Extraction -- Cybercrime Analysis -- Cybercrime in Taiwan
– An Analysis of Suspect Records -- Analysis of Computer Crime
Characteristics in Taiwan -- A Cross Datasets Referring Outlier
Detection Model Applied to Suspicious Financial Transaction
Discrimination -- Network Security -- Detecting Novel Network Attacks
with a Data Field -- Improving Authentication Accuracy of Unfamiliar
Passwords with Pauses and Cues for Keystroke Dynamics-Based
Authentication -- Illegal Intrusion Detection Based on Hidden
Information Database -- Defender Personality Traits -- Crime Data
Mining -- Mining Criminal Databases to Finding Investigation Clues—By
Example of Stolen Automobiles Database -- Country Corruption
Analysis with Self Organizing Maps and Support Vector Machines --
Temporal Representation in Spike Detection of Sparse Personal Identity
Streams -- Mining Positive Associations of Urban Criminal Activities
Using Hierarchical Crime Hot Spots -- VCCM Mining: Mining Virtual
Community Core Members Based on Gene Expression Programming --
Posters -- Integration of a Cryptographic File System and Access
Control -- Applications of Homomorphic Functions to Software
Obfuscation -- Security Model for Informational Privacy -- A Viable
System for Tracing Illegal Users of Video -- Privacy and Security
Enhanced Offline Oblivious Transfer for Massive Data Distribution --
The Effectiveness of Artificial Rhythms and Cues in Keystroke Dynamics
Based User Authentication -- Cascade Damage Estimation Model for
Internet Attacks -- A New Secure Key Exchange Protocol Between STB
and Smart Card in DTV Broadcasting -- A Fuzzy Anomaly Detection
System -- Hidden Markov Model Based Intrusion Detection -- One-
Class Strategies for Security Information Detection -- Design of an
Emergency Prediction and Prevention Platform for Societal Security
Decision Support Using Neural Networks -- A Novel Identity
Authentication Technique Without Trustworthy Third-Party Based on
Fingerprint Verification -- Cyberspace Community Analysis and
Simulation Using Complex Dynamic Social Networks -- Analysis of
Infectious Disease Data Based on Evolutionary Computation --
Rule+Exception Learning-Based Class Specification and Labeling in
Intelligence and Security Analysis -- A Computational Framework for
Decision Analysis and Support in ISI: Artificial Societies, Computational
Experiments, and Parallel Systems.

Sommario/riassunto

Intelligence and security informatics (ISI) can be broadly defined as the study of the development and use of advanced information technologies and systems for national and international security-related applications. The First and Second Symposiums on ISI were held in Tucson, Arizona, in 2003 and 2004, respectively. In 2005, the IEEE International Conference on ISI was held in Atlanta, Georgia. These ISI conferences 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 detection, terrorist and criminal social network analysis, crime analysis, monitoring and surveillance, policy studies and evaluation, and information assurance, among others. We continued these stream of ISI conferences by organizing the Workshop on Intelligence and Security Informatics (WISI 2006) in conjunction with the Pacific Asia Conference on Knowledge Discovery and Data Mining (PAKDD 2006). WISI 2006 provided a stimulating forum for ISI researchers in Pacific Asia and other regions of the world to exchange ideas and report research progress. WISI 2006 was hosted by the Chinese University of Hong Kong, the University of Arizona, the Nanyang Technological University, and the Chinese

Academy of Sciences. The one-day program included one keynote speech, four refereed paper sessions, two invited sessions and a poster reception.
