



INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:

Security Informatics, Predictive Policing Strategies in Law Enforcement

Name, Title and Affiliation of Chair:

Chair:

Prof. Fu-Ching Tsai, Central Police University, Taiwan

Co-Chaired by:

Prof. Chih-Hung Shih, Central Police University, Taiwan

Prof. Da-Yu Kao, Central Police University, Taiwan

Details of Session (including aim and scope):

With the advancement of technology, many crime issues have emerged under the guise of technology, leading to serious criminal activities. In addition, the convenience provided by technology decreases the costs associated with transnational crime leading to a rise in serious criminal activities such as cybercrime, fraud, and drug trafficking. Therefore, developing technology-based crime prevention or investigation strategies has become a crucial area of focus for worldwide law enforcement agencies. By implementing information theories and big data analysis techniques, modern law enforcement policies provide competitive advantages in predictive policing strategies to improve law enforcement efficiency. This session discusses Knowledge Management, Information Security, Police Policies and Digital Forensics in law enforcement or predictive policing strategies.

Topics to be discussed (but not limited to):

- Cryptocurrency Flow Analysis
- Cryptocurrency and Scams
- Cryptocurrency Suspicious Behaviour Identification
- Predictive Policing
- Decision Support Systems
- Knowledge Management Systems
- Knowledge Discovery in Databases
- Technologies in Criminal Investigation
- Digital Forensics
- Text Mining in Law Enforcement

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Department of Criminal Investigation, Central Police University, Taiwan

Department of Information Management, Central Police University, Taiwan

Technology Crime Investigation Division, Taiwan Police College, Taiwan

Website URL of Call for Papers (if any):

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