

**INVITED SESSION SUMMARY****Title of Session:**

Cryptocurrency and Blockchain Analytics, Security Informatics and 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, Information Security Division, SinoPac Holdings, Taiwan

**Details of Session (including aim and scope):**

In recent years, the application of virtual currency has become a part of people's lives. The decentralization and anonymity of cryptocurrency have made it a favorite tool for many criminals. Therefore, how to trace illegal activities in Bitcoin transactions has become one of the most crucial research areas. Moreover, with the advancement of technology, many information theories and big data analysis techniques provide competitive advantages in predictive policing strategies to improve law enforcement efficiency. This session discusses Cryptocurrency Analytics, Knowledge Management, Information Security, and Digital Forensics in law enforcement or predictive policing strategies.

Topic to be discussed (but not limited to):

- Cryptocurrency Security
- 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, Taiwan**

**Technology Crime Investigation Division, Taiwan**

**Website URL of Call for Papers (if any):****Email & Contact Details:**

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