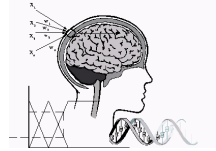




International

Innovation in Knowledge Based and Intelligent Engineering Systems



INVITED SESSION SUMMARY

Title of Session:**Digital Forensics and Intelligent Network Security****Name, Title and Affiliation of Chair:**

Dr. Esmiralda Moradian, Computer and Systems Sciences, Stockholm University, Sweden
Prof. Oliver Popov, Computer and Systems Sciences, Stockholm University, Sweden

Details of Session (including aim and scope):

The aim of the session is to bring together security professionals from the academia, industry and law enforcement agencies to exchange ideas and experiences in the area of Network Security and Digital Forensics. The session is especially looking to present novel ideas reflecting the cross-fertilization of information security and digital forensics with the growing maturity and relevance of the recent advances in networking, artificial intelligence, machine learning, and data science.

Scope

Both theoretical and practical papers are encouraged. Topics of interest include but are not limited to:

Data Mining and Analytics in Cyber Forensics
Automated Crime Investigation - Evidence Detection, Extraction, and Analysis
Cybercrimes on the Dark net – Detection and Prevention
Intelligent V2V, V2X Communication and Reflections on Security and Safety
Innovative Cross-over Techniques for Securing Networks
Pedagogical Aspects in Security Management
Digital Trust Management – Models and Use Cases
Machine Learning for Forensically Sound Analysis
Forensics on the Go for Mobile Apps and Systems
Ethical and Legal Aspects of AI algorithms in Security and Forensics
Control System Forensics for Critical Infrastructure Resilience

Main Contributing Researchers / Research Centres (tentative, if known at this stage):**Website URL of Call for Papers (if any):****Email & Contact Details:**

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