WICT'14 SPECIAL TRACK PROPOSAL FORM

TITLE OF THE SPECIAL TRACK:

Information Systems & Security Research (i-Seru)

SPECIAL TRACK ORGANIZING COMMITTEE:

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En Zul Hilmi bin Abdullah

SPECIFIC TOPIC(S) OF INTEREST:

The topics of the i-Seru Special track include, but not limited to, the following:

Passive Attacks
Active Attacks
Trojan Horses
Viruses
Worms
Denial of Service
Intrusion Detection
Access Control & Database Security
Secret Sharing
Operating Systems Security
Confidentiality
Modeling and Analysis of Information Security
Protocols
Logical Analysis
Performance Analysis
Risk Analysis
Infrastructure for Information Security
Information Security Standards
Public Key Infrastructure
Certification Authority

Tools for Information Security
Cryptography & Cryptanalysis
Cryptography algorithms
Hardware Design and Implementation
Simulation
Performance Analysis Internet architecture design
Internet search methods
Optimization methods
Security and protection
Fault Tolerance
Steganography
Watermarking
Software Agents
Web Java-based applications
Knowledge-based web systems
Multimedia web tools, architectures, and broadcasting
Web data mining and database management

Organized by: ***Universiti Teknikal Malaysia Melaka & MIR Labs***

SHORT BIOGRAPHY OF THE PROPOSED TRACK CHAIR(S):

The special track on Information Systems & Security Research aims is to increase cooperation and interactions between the information systems community and the information security community and providing a forum for discussing issues related to both of these areas.

One of the main issues while dealing with security is that losing important information from systems as it can cause millions to billions of dollars of loss. Nowadays, due to the criticality and importance of the information being kept secure online, this track will managed to be of interest to researchers and leading edge practitioners in academia, industry, and government agencies concerned with information security.

LIST OF POTENTIAL REVIEWERS PANEL INCLUDING AFFILIATIONS AND CONTACT INFORMATION:

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