

2022 OkIP International Conference on Advances in Information Security and Assurance (AISA)

Monday, 3 October 2022 - Thursday, 6 October 2022

Tiako Center & Online

Scientific Tracks

Information Security Modeling and Design

Information Security Architecture Design
IS Authentication and Privacy Control
IS Frameworks and Protocols
IS Architecture Design and Testing
Data Breach Protection
Information Systems Security
Information Analytical Models
IS Modeling and Analysis
Critical Information Management
IS Performance, Requirements, and Issues
Security Information Sharing

AI in Security

AI/ Machine Learning for Security
Cryptographic Checksums and Algorithms
Risk and Reputation Management
Malware Detection and Response
Vulnerability Analysis and Countermeasures
Intrusion Detection and Anomaly Recovery
Information/Temporal Access Controls
Vulnerability Detection
Improved Authentication Process
Information Hiding and Anonymity
Behavioral Biometrics
Security Situational Awareness

Security and Distributed Systems

Edge Computing Security
Trusted Computing | Crowdsourcing
Cyber-physical Systems Security
Distributed Systems Security
Embedded Systems Security
IS Virtualization and Data Center Network
Secure Internet Connectivity
Cloud Security and Adoption Risks
Physical-layer Security

Wireless and Digital Forensics

Trust Authority Distribution
Wireless Network Information Assurance (IA)
Bluetooth Information Assurance
Radio Frequency Fingerprints
Intelligent Forensic Systems
Honeypot Deception and Forensics

Steganography Techniques
Cyber-Attack Thwarting
Crime Data Mining
Anti-Spam Filtering Techniques
Untrusted Hardware Testing
Privacy Preservation and Protection
Intelligent and Secure Autofill Systems

IA and Information Warfare

Secure Passport System
Insider Threat Prediction
Key Management and Recovery
Critical Infrastructure Protection
Threat Awareness Analysis
Traffic Flow Confidentiality
Intellectual Property Protection
Cyber-Attack and Cyber-Terrorism
Tamper Detection and Prevention
Physical Security and Soldier Security
Electromagnetic Bomb and Electronic Attack
Tactical Communication and Network Security

IS & IA Applications

Electronic Voting System
Signature Verification
Parental Control Systems
Biometric Protection
Watermarking Techniques
Secure Diagnostic
Mobile Security | Database Security
Intelligent and Secure Autofill System
Energy Harvesting Security
IS & IA Awareness and Education
Green Communications Security
Power Information System Security
Corporations and Businesses Protection
Internet of Things Security
Software Security Assurance

IS & IA Policy and Legal Issues

IS & IA Policy Approaches
IS & IA Enforcement Models
Cybersecurity Legal
Regulatory Issues
Digital Rights Management
Ethics, Identity, and Trust Management
Steganography Legal Issues

