

2021 OkIP International Conference on Advances in Information Security and Assurance (AISA)

Monday, November 15, 2021 - Thursday, November 18, 2021

MNTC Conference Center

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

