

CALL FOR PAPERS

2023 International Conference on Advances in Information Security and

Tiako Center, Oklahoma City, OK, USA & Online, October 2-5

Oklahoma International Publishing (OkIP) is pleased to host the 2023 International Conference on Advances in Information Security and Assurance (AISA). The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research and development in the field. Proposals are solicited describing original works in fields below and related technologies. AISA will include a peer-reviewed program of technical, industrial and poster sessions. Accepted and presented full papers from the tracks below will be published by OkIP and submitted for indexation in major abstract and citation databases of peer-reviewed literature. Extended version of best papers will be considered for Journal publication.

IS Modeling and Design

- Information Security (IS) 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 Checksuns 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 Maning
- 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

Technical Research & Industry Contribution

Full Paper: Accomplished research results (6 pages)

Short Paper: Work in progress/fresh developments (3 pages)

Poster/Journal First: Displayed/Oral presented (1 page)

Corporate Showcase & Exhibition

Booth: Display product and/or service offerings (1 page)

Oral: Present product and/or service offerings (1 page)

Student Poster & Career Fair

Graduate & Doctoral: Peer-reviewed Poster (1 page)

Undergraduate/High School: Selected Poster (1 page)

Recruiter Booth: Product/Service & Job offerings (1 page)

Workshop, Tutorial, Forum & Panel

Workshop, Tutorial & Tour: Proposal (1 page)

Executive Forum, Panel & Talk: Proposal (1 page)

For more information, submission details and important dates visit or contact:

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