

# Call for Book Chapters/Research Paper for Edited Book To be Published with ISBN Under IIP International Publishers, USA & India

## Advances in Cyber Security and Digital Forensics



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Acceptance notification: 21 Oct 2023  
Last date for registration: 04 Nov 2023

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# Call for Chapters Advances in Cyber Security and Digital Forensics

## Aims and Scope:

The aim of the edited book "Advances in Cyber Security and Digital Forensics" is to provide a comprehensive and up-to-date overview of the latest advancements, trends, and research in the fields of cyber security and digital forensics. The book aims to bring together contributions from experts and researchers across academia, industry, and government sectors to present a holistic understanding of the challenges, breakthroughs, and innovative solutions in these critical domains. The scope of this edited book encompasses a wide range of topics within the realms of cyber security and digital forensics, including but not limited to:

- Cryptographic Algorithms and Protocols
- Public Key Infrastructure (PKI) Advancements
- Quantum Cryptography and Post-Quantum Cryptography
- Blockchain and Applications
- Zero-Knowledge Proofs and Privacy-Enhancing Cryptography
- Privacy-Preserving Technologies
- Intrusion Detection and Prevention Systems (IDPS)
- Next-Generation Firewall Technologies
- Secure Software-Defined Networking (SDN)
- Wireless Network Security Challenges
- Network Traffic Analysis for Anomaly Detection
- 5G Network Security Considerations
- Malware Detection and Analysis Techniques
- Secure Network Access Control (NAC)
- Cloud Security
- Cyber Threat Landscape Analysis
- Advanced Persistent Threats (APTs)
- Cyber Range and Red Teaming
- Digital Identity Management and Authentication
- Incident Response and Threat Hunting
- Digital Forensics Tools and Techniques
- Mobile Device Forensics
- IoT Device Forensics
- Cloud Environment Forensics
- Malware Forensics and Reverse Engineering
- Legal Aspects in Cyber Security and Forensics
- Cybersecurity Education and Training Initiatives

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