Fri, 20 June (Day 1)	
Time/Agenda	**Conference Agenda**
09:30 AM - 12:00 AM	Opening Address
	Academician's Keynote 1
	Academician's Keynote 2
	Academician's Keynote 3
	Academician's Keynote 4
	Academician's Keynote 5
	Opening Ceremony Summary

Fri, 20 June (Day 1)	
① Integration of Blockchain, Data Elements & AI // Host: Debiao He	
Report / Paper	
14:00 PM **-** **17:30 PM**	14:00 - 14:35 AI, Big Data, and Blockchain Empower Industrial Internet
	14:35 - 15:10 Decentralized Federated Learning for Blockchain
	15:10 - 15:35 Building a Trusted Data Space, Activating the Value of Data Elements
	15:35 - 15:55 TEA/COFFEE BREAK
	15:55 - 16:20 The Blockchain-based Network Supporting Trustworthy Data Circulation
	16:20 - 16:45 Blockchain + Data Elements: Exploring the Technological Pathways to Activate Data Value
	16:45 - 17:05 Research on Ethereum Phishing Scam Detection Technology Based on Multi-transaction-view Graph Neural Networks
	17:05 - 17:25 DataR2E: Research and Prospects on the Value Release of Data Elements in Web 3.0

② Blockchain Consensus, Performance & Scalability // Host: Jiaqi Yan	
Report / Paper	
14:00 PM **-** **17:30 PM**	14:00 - 14:35 Alpenglow: Solana's New Consensus Protocol
	14:35 - 15:10 The Blockchain Value-Revenue Conundrum
	15:10 - 15:35 Research on Blockchain Parallelization
	15:35 - 15:55 TEA/COFFEE BREAK
	15:55 - 16:20 Key Results and Challenges in Asynchronous Consensus
	16:20 - 16:45 TockOwl: Asynchronous Consensus with Fault and Network Adaptability
	16:45 - 17:05 Q-DPoS: An Improved DPoS Consensus based on Quadratic Voting Mechanism in Web 3.0
	17:05 - 17:25 Blockchain Data Index Method Based on Improved Red-black Tree

③ Blockchain Core Technologies: Consensus, Cross-Chain, and Privacy-Preserving Systems // Host: Qi Xia	
Report / Paper	
14:00 PM **-** **17:30 PM**	14:00 - 14:35 Cross-Chain Techniques to Resolve the Information Isolation Problem
	14:35 - 15:00 Establishing Trusted Data Spaces: Blockchain as an Architect of the Emerging Paradigm in Global Data Governance
	15:00 - 15:25 Privacy Computing and its Applications
	15:25 - 15:45 TEA/COFFEE BREAK
	15:45 - 16:10 Digital Trust Technologies Build the Trust Foundation of Digital Space
	16:10 - 16:30 Fully Decentralised Consensus for Extreme-scale Blockchain
	16:30 - 16:50 Monero Covert Communication-Enhanced Collaboration for Privacy-Preserving Queries
	16:50 - 17:10 A Blockchain Spatiotemporal Information Consensus Scheme Toward Mobile Edge Nodes

Sat, 21 June (Day 2)	
④ Digital Public Infrastructure // Host: Qianhong Wu	
	Report / Paper
9:00 AM - 12:30 PM	09:00 - 09:35 Blockchain's Role in Low Earth Orbit Satellite Constellations – Communications, Networking and Systems
	09:35 - 10:00 New Financial Infrastructure Based on Blockchain
	10:00 - 10:25 A Trusted Evaluation System for Carbon Usage Effectiveness for Data Center Based on Blockchain Technology
	10:25 - 10:45 TEA/COFFEE BREAK
	10:45 - 11:10 Blockchain Technology Empowers Green and Low-Carbon Energy Transition
	11:10 - 11:30 BeerReview: A Blockchain-enabled Peer Review Platform
	11:30 - 11:50 Blockchain-based Interference Management for 6G Heterogeneous Networks
	11:50 - 12:10 Adaptive Routing Mechanism for Transaction Propagation in Wireless Blockchain Network
	12:10 - 12:30 Blockchain-Based Adaptive and Accountable Incentives for Data Sharing in UAV Networks

⑤ Security for Blockchain, Blockchain for Security // Host: Haibin Kan	
	Report / Paper
9:00 AM - 12:30 PM	09:00 - 09:35 Research on Cryptographic Defects in Smart Contracts
	09:35 - 10:00 H4SD3: Honey^4 Technology System based on Software Defined Deception Defense (SD^3)
	10:00 - 10:25 Unmasking Hidden Threats: Strengthening Blockchain System Security
	10:25 - 10:45 TEA/COFFEE BREAK
	10:45 - 11:05 Taking Attacks to the Next Level: A Framework for Front-Running Attacks on Blockchain Systems
	11:05 - 11:25 SecEvidence: Litigation Evidence Preservation and Verification on Blockchain with Secure Algorithms
	11:25 - 11:45 Mining Frequency Features for On-Chain Smart Contract Vulnerability Multi-Class Classification
	11:45 - 12:05 A Secure Data Regulation Framework for Blockchain Ecosystem
	12:05 - 12:25 Blockchain-Assisted Cross-silo Graph Federated Learning for Network Intrusion Detection

⑥ Blockchain-Enhanced Security, Data Sharing, and Decentralized Applications // Host: Jing Chen	
	Report / Paper
9:00 AM - 12:30 PM	09:00 - 09:35 Sustainability Efforts in Digital Storage and Memory
	09:35 - 10:10 Open Source Domestic CyberSecurity Dedicated Development Ecosystem
	10:10 - 10:35 From Theory to Practice: How Trusted Data Spaces Reshape the Data Application Ecosystem Across Industries
	10:35 - 10:55 TEA/COFFEE BREAK
	10:55 - 11:15 Decentralized Identity based on Blockchain-based Service Network: Design, Implementation and Applications
	11:15 - 11:35 Bidirectional Authentication for Safe Ridesharing Empowered by Permissioned Blockchain
	11:35 - 11:55 SNFM: Scalable Node Feature Modeling in Smart Contracts for Vulnerability Detection through Graph-based Approaches
	11:55 - 12:15 HLGAN: Blockchain Account Detection Using Hierarchical Local-Global Attention Network

Sat, 21 June (Day 2)	
⑦ Blockchain for Web3.0 & Metaverse Ecosystems // Host: Xiao Wu	
	Report / Paper
14:00 PM **-** **17:30 PM**	14:00 - 14:35 Research on Web3.0 Standardization
	14:35 - 15:10 Web3.0: Key Technologies and Future Trends
	15:10 - 15:35 BSIM: The New Web 3.0 Entry Point Integrating Communications and Blockchain
	15:35 - 15:55 TEA/COFFEE BREAK
	15:55 - 16:20 Blockchain's One Thousand and One Nights: Weaving the Digital Road of Web3 Developer Ecosystems
	16:20 - 16:40 All Sizzle and No Steak? Analyzing the Value of ERC20 Tokens via A Portfolio Model
	16:40 - 17:00 A Semantic Detection Incentive Mechanism For Blockchain Transactions Based on Evolutionary Game Theory in Web3 Ecosystem
	17:00 - 17:20 Blockchain-based Auction Mechanism for Federated Learning in Edge-enabled Metaverse
⑧ Blockchain for Real-World Applications // Host: Ning Dong	
	Report / Paper
14:00 PM **-** **17:30 PM**	14:00 - 14:35 Consortium Blockchain Applications: From Use Cases to Ecosystems
	14:35 - 15:10 IEEE Blockchain Technical Community: Updates & Progress
	15:10 - 15:35 Building DeFi protocols using the Self-developed Sharding Blockchain (a.k.a. BrokerChain)
	15:35 - 15:55 TEA/COFFEE BREAK
	15:55 - 16:20 Influencing Factors and Configuration Paths of Blockchain Adoption in IP Transactions
	16:20 - 16:45 An Autonomous Multi-Perspective LLM Agent Framework for DeFi User Transaction Intent Mining
	16:45 - 17:05 Multi-Continental Healthcare Modelling Using Blockchain-Enabled Federated Learning
	17:05 - 17:25 Verifiable Privacy-Preserving Multidimensional Data Aggregation in Smart Healthcare via Blockchain
⑨ Decentralized Futures: Analyzing Blockchain's Impact on Network Governance, Dark Finance, and Data Ownership // Host: Butian Huang	
	Report / Paper
14:00 PM **-** **17:30 PM**	14:00 - 14:35 All About Decentralization and Oracle Economics
	14:35 - 15:00 The Integration of Data and Blockchain Helps the Development of the Digital Economy
	15:00 - 15:25 Zeus: Breaking and Fixing Multi-hop payments over Payment Channel Network
	15:25 - 15:45 TEA/COFFEE BREAK
	15:45 - 16:10 Trusted Digital Twin Tech: Bridging Real and Digital World
	16:10 - 16:35 Scalable Blockchain Data Management
	16:35 - 16:55 Swarmter: A Crowd Wisdom based Collective Decision Making System for Decentralized Applications
	16:55 - 17:15 The Predictive Power of Bitcoin Halving: Assessing Price Implications
	17:15 - 17:35 Web3DB: Web 3.0 RDBMS for Individual Data Ownership

Sun, 22 June (Day 3)	
Time/Agenda	**Conference Agenda**
09:00-09:30	Panel 1: Connecting the Middle East and China
09:30-11:00	Panel 2: Blockchain-Driven Regional Synergy and Global Trust
11:00-11:10	TEA / COFFEE BREAK
11:10-11:20	Best Paper / Technology / Application Awards Announcement
11:20-11:30	Closing Ceremony Summary
11:30-12:00	Closed-door Meeting
14:00-17:30	Open Discussion Session