

星期六, 6月21日 (第2天)

④ 用于数字公共基础设施的区块链 主持人: 伍前红

报告/论文

上午
9:00-12:30

- 09:00 - 09:35 区块链在低轨卫星星座的赋能与创新——通信、网络与系统
- 09:35 - 10:00 基于区块链的新型金融基础设施
- 10:00 - 10:25 基于区块链技术的数据中心算力碳效可信评价
- 10:25 - 10:45 茶 歇**
- 10:45 - 11:10 区块链技术赋能能源绿色低碳转型
- 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 区块链与安全 主持人: 阚海斌

报告/论文

上午
9:00-12:30

- 09:00 - 09:35 智能合约中密码学缺陷分类与检测研究
- 09:35 - 10:00 H4SD3: 基于软件定义欺骗防御的四蜜体系及关键技术
- 10:00 - 10:25 区块链系统隐性安全隐患初探
- 10:25 - 10:45 茶 歇**
- 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 区块链驱动的安全增强、数据共享与去中心化应用 主持人: 陈晶

报告/论文

上午
9:00-12:30

- 09:00 - 09:35 数字存储与内存的可持续性发展研究
- 09:35 - 10:10 开源国产化网络安全专用开发生态
- 10:10 - 10:35 从理论到实践: 可信数据空间如何重塑各行业数据应用生态
- 10:35 - 10:55 茶 歇**
- 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

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⑦ 区块链、Web3.0及元宇宙生态系统 主持人: 吴啸

报告/论文

下午
14:00-17:30

14:00 - 14:35 Web3.0标准化研究

14:35 - 15:10 可信数字孪生技术: 架起现实世界与数字世界之间的桥梁

15:10 - 15:35 BSIM: 融合通信与区块链的Web 3.0新入口

15:35 - 15:55 茶 歇

15:55 - 16:20 区块链的一千零一夜: 织就Web3开发者生态的丝绸之路

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 区块链技术的创新应用 主持人: 董宁

报告/论文

下午
14:00-17:30

14:00 - 14:35 联盟链应用:从场景到生态

14:35 - 15:10 IEEE区块链技术社区: 最新动态与进展

15:10 - 15:35 使用自研分片区块链 BrokerChain 构建去中心化金融协议的尝试

15:35 - 15:55 茶 歇

15:55 - 16:20 知识产权交易中区块链采用意愿影响因素及组态路径

16:20 - 16:45 基于自主多视角大语言模型智能体协作的DeFi用户交易意图识别框架

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 去中心化未来: 区块链对网络治理、金融与数据所有权的影响 主持人: 黄步添

报告/论文

下午
14:00-17:30

14:00 - 14:35 去中心化机制与预言机经济学研究

14:35 - 15:00 数链融合助力数字经济发展

15:00 - 15:25 支付通道网络中多跳支付的破局与重构

15:25 - 15:45 茶 歇

15:45 - 16:10 Web3.0: 关键技术与未来趋势

16:10 - 16:35 可扩展区块链数据管理

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