

EAI BlockTea 2023 PROGRAM

Day 1

8:45-8:50

Welcome

8:50-9:30

Keynote 1

- **Privacy Preservation on Machine Learning**
Mingwu Zhang

9:30-10:30

Session 1

1. **PSWS: Private Support-Weighted Sum Protocol for Privacy-Preserving Blockchain-Based Voting With Ballot Secrecy**

Chenyu Deng; Mingwu Zhang

2. **Identity-Based Key Verifiable Inner Product Functional Encryption Scheme**

Chao He; Mingwu Zhang; Gang Shen

3. **Cross-chain trusted information match scheme with privacy-preserving and auditability**

Zheng Chen; Jiageng Chen; Zejun Lu

10:30 – 10:40

Short Break

10:40 – 11:20

Keynote 2

- **Privacy issues in data publication**
Yining Liu

11:20 – 12:20

Session 2

1. **Verifiable Attribute-Based Proxy Re-Encryption with Non-repudiation based on Block-Chain**

Yaorui He; Ting Liang; Pei Huang; Zhe Xia

2. **A distributed lightweight identity authentication method in Satellite network**

Bo Tang; Shixiong Yao; Pei Li; Xiaokaiti Aini

3. **Blockchain-based Hierarchical Access Control with Efficient Revocation in mHealth System**

Ting Liang; Yaorui He; Pei Huang; Zhe Xia

12:20 – 13:30

Lunch Break

13:30 – 14:10

Keynote 3

- **Quorum Controlled Homomorphic Re-encryption for Privacy Preserving Computations in the Cloud**

Zhe Xia

14:10 – 14:20

Short Break

14:20 – 15:00

Keynote 3

- **On key reuse attacks against lattice-based KEMs**

Chi Cheng

15:00 – 16:20

Session 3

1. A survey of algorithms for addressing the Shortest Vector Problem (SVP)

Errui He; Tianyu Xu; Mengsi Wu; Jiageng Chen; Shixiong Yao; Pei Li

2. DRSA: Debug Register-based Self-relocating Attack against software-based remote authentication

Zheng Zhang; Jingfeng Xue; Tianshi Mu; Ting Yu; Kefan Qiu; Tian Chen; YuanZhang Li

3. Intellectual Property Data Trading through NFTization

Ziyang Ji; Jie Zhang; Steve Guan; KaLok Man

4. Fuzz Testing of UAV Configurations Based on Evolutionary Algorithm

Yuexuan Ma; Xiao Yu; Yuanzhang Li; Li Zhang; Yuan Tan

16:20-16:30

Closing Remarks