PROGRAM SCHEDULE FOR
AIS 2024

Day 1, April 3, 2024		
Time	**Min**	**HALL A**
13:00-13:30	30	**Registration**
13:30-15:00	90	**Session A-1**
15:00-15:20	20	**Coffee Break**
15:20-16:50	90	**Session A-2**
16:50-17:30	40	**Break**
17:30-19:30	120	**Banquet** **(Only for Invited Members)**

Day 2, April 4, 2024		
Time	**Min**	**HALL A**
10:00-10:30	30	**Registration**
10:30-12:00	90	**Special Presentation**
12:00-13:30	90	**Lunch**
13:30-15:00	90	**Special Presentation**
15:00~15:30	30	**Coffee Break**
15:30-17:30	120	**Local Arrangement Committee Meeting** **(Only for Invited Members)**

KCIA
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QISA
Quantum Industrial Services
and Application Society

Day 3, April 5, 2024		
Time	**Min**	**HALL A**
10:00-12:00	120	**Organizing Committee Meeting I**
12:00-13:30	90	**Lunch**
13:30-15:30	120	**Organizing Committee Meeting II**

1. **A paper presentation should be made by one of authors of the paper for 3~40 minutes.**
   (2~30 minutes for the presentation itself and 10 minutes for Q/A)
2. **All speakers of each session should meet the session chair at their room 10 minutes before the session begins.**
3. **Windows 10 laptops running the Adobe Reader and Microsoft Office for paper presentations will be prepared. Please prepare for your presentation.**

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DETAILED SCHEDULE FOR
AIS 2024

Day 1, April 3, 2024 (Wednesday)

13:00-13:30   **Registration**

13:30-15:00   <u>Session A-1</u>
(HALL A)

1. **Integrating Blockchain with Federated Learning for Enhanced Security in IoT Ecosystems**
   Sharma Kumar Pradip (University of Aberdeen, UK)
2. **Exploiting App Permission Dynamics for Proactive Android Malware Identification: A Machine Learning Framework**
   Neal N. Xiong (Northeastern State University, USA)
3. **Digital Twin-Assisted Resource Allocation in Industrial IoT Networks via Deep Reinforcement Learning**
   Heeji Park, Jong Hyuk Park (Seoul National University of Science and Technology, Korea)

15:00-15:20   **Coffee Break**

15:20-16:50   <u>Session A-2</u>
(HALL A)

1. **Implementing Quantum Cryptography in MACsec for Enhanced Security in Wireless Network Communications**
   Sushil Kumar Singh (Marwadi University, India)
2. **Decentralized and Secure Federated Learning Model for Next-Generation Healthcare Systems**
   Shailendra Rathore (University of Plymouth, UK)
3. **AI-Driven Reversible Chaos Encryption Technique for Enhancing User Anonymity in Surveillance Systems**
   Jimin Ha, Jong Hyuk Park (Seoul National University of Science and Technology, Korea)

16:50-17:30   **Break**

17:30-19:30   **Banquet**
                     (Only for Invited Members)

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Day 2, April 4, 2024 (Thursday)

10:00-10:30   **Registration**

10:30-12:00   **Special Presentation**
(HALL A)

"Federated Learning and Data Integration for IIoT Security"
Jong Hyuk Park
(Seoul National University of Science and Technology, Korea)

12:00-13:30   **Lunch**

13:30-15:00   **Special Presentation**
(HALL A)

"Blockchain and Secret Sharing for Smart City Clouds"
Ji Su Park
(Jeonju University, Korea)

15:00-15:30   **Coffee Break**

15:30-17:30   **Local Arrangement Committee Meeting**
(Only for Invited Members)

Day 3, April 5, 2024 (Friday)

10:00-12:00	**Organizing Committee Meeting I**
12:00-13:30	**Lunch**
13:30-15:30	**Organizing Committee Meeting II**