

PROGRAM Schedule for BIC 2026

Day 1, August 12, 2026		
Time	Min	
12:30-13:00	30	Registration & Networking GCEC Hall(Level 1)
13:00-13:15	15	Traditional Music Performance Mindfulness Hall(Level 3)
13:15-13:20	10	Opening Remarks 1 Mindfulness Hall(Level 3)
13:20-13:30	10	Opening Remarks 2 Mindfulness Hall(Level 3)
13:30-14:00	30	Keynote Speech Chair: Le Anh Ngoc The Future of Intelligent Digital Ecosystems: Scalable, Explainable, and Autonomous AI(Prof. Phuong Anh Nguyen) Mindfulness Hall(Level 3)
14:00-14:20	20	Coffee Break
14:20-15:20	60	BIC Session A-1 Chair: Jihun Choi GCEC Hall(Level 1)
15:20-15:30	10	Coffee Break
15:30-16:30	60	BIC Session A-2 Chair: Ly Quynh Tran GCEC Hall(Level 1)
16:30-16:40	10	Coffee Break
16:40-17:40	60	BIC Session A-3 Chair: Byeong-Seok Shin GCEC Hall(Level 1)
17:40-18:30	50	Break
18:30-20:00	90	Banquet



Day 2, August 13, 2026		
Time	Min	
11:30-13:00	90	Lunch(Only Committee)
13:00-15:00	120	Organizing Committee Meeting I
15:00-17:00	120	Local Arrangement Committee Meeting I

Day 3, August 14, 2026		
Time	Min	
09:00-10:30	90	Organizing Committee Meeting II
10:30-12:00	90	Local Arrangement Committee Meeting II

1. A paper presentation should be made by one of authors of the paper for A paper presentation should be made by one of authors of the paper for 15 minutes (12 minutes for the presentation itself and 3 minutes for Q/A).
2. All speakers of each session should meet the session chair at their room 15 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.
4. All online sections are played recorded video only.
5. For Q&A in the online section, please email the author.



DETAILED SCHEDULE FOR The 10th The International Conference on Big data, IoT, and Cloud Computing (BIC 2026)

Day 1, August 12, 2026 (Wednesday)

12:30-13:00 Registration & Networking

13:00-13:15 Traditional Music Performance

13:15-13:20 Opening Remarks 1

13:20-13:30 Opening Remarks 2

13:30-14:00 Keynote Speech
(Chair: Le Anh Ngoc)

Phuong Anh Nguyen

“The Future of Intelligent Digital Ecosystems: Scalable, Explainable, and Autonomous AI”

14:00-14:20 Coffee Break

14:20-15:20 BIC Session A-1
(Chair: Jihun Choi)

- 1. Data Integrity in Digital Vaccine Certificate Systems: A Comparative Study of Thailand, Ghana, and the European Union**
Vanessa Abokoma Quaye, Apiwat Chantawibul, Chalee Vorakulpipat
- 2. LSTM-Guided Data Prototypes for Efficient Time-Series Forecasting**
Ha Trang, Ngoc Anh Le
- 3. Key-Lifecycle-Driven Rekeying Time Analysis for PostQuantum Satellite IoT: Based on Secure-SBD Frame**
Hyejin Yoon, Changuk Jang, Seunghwan Yoon, Taegyun Kim, Hyunseok Kim, Okyeon Yi
- 4. Measuring KpqC in Real Modbus/TCP Security TLS1**
Hyeongyeop Kim, Changuk Jang, Okyeon Yi



15:20-15:30 Coffee Break

15:30-16:30 BIC Session A-2
(Chair: Ly Quynh Tran)

1. **AI at the Edge: Hardware, Runtimes, and Deployment Strategies for Modern Android Smartphones**
Huu Hoan Hoang, Van Dai Pham
2. **Adaptive Fault Recovery for Model Context Protocol (MCP) Agents via a Failure Bank**
Thanh Binh Dang, Van Dai Pham
3. **Network Traffic Classification for Anomaly Detection: A Comparative Analysis of Machine Learning Approaches**
Hoang Minh Nguyen, Hanh Nguyen, Van Dai Pham
4. **An ICT-Based Decision Support Framework Using Structural Equation Modeling for Market Share Optimization in Financial Ecosystems**
Phuong Anh Nguyen, Ngoc Anh Le

16:30-16:40 Break

16:40-17:40 BIC Session A-3
(Chair: Byeong-Seok Shin)

1. **A development of AI-integrated Flight Briefing System for Pilots**
HyukJun Kwon
2. **A Hardware-Conscious Study of Server Bottlenecks in Federated LLM Aggregation**
Yan Li, ByeongSeok Shin
3. **Overcoming Data Scarcity in Industrial Safety: A Two-Stage Pipeline of YOLO and Large Language Models for Anomaly Detection**
Jaebin Lim, Wankyung Kim, Byeong Kuk Park
4. **Quantitative Verification of SBOM Standardization and FDA Section 524B Conformance in Digital Medical Products: A Real-World Case Study on Open-Source Insulin-Dosing Software**
JungHyun Woo, ByungSuk Seo, Kwangman Ko
5. **Development of an AI-Based Self-Healing Post-Quantum Blockchain Network Model for Enhanced Maritime Data Security**
Ankit Kumar, Jong Hyuk Park

17:40-18:30 Break

18:30-20:00 Banquet



Day 2, August 13, 2026 (Thursday)

11:30-13:00 Lunch(Only Committee)

13:00-15:00 Organizing Committee Meeting I

15:00-17:00 Local Arrangement Committee Meeting I

Day 3, August 14, 2026 (Friday)

09:00-10:30 Organizing Committee Meeting II

10:30-12:00 Local Arrangement Committee Meeting II

