

Latest AloT Technology Trends & Business Strategies in the On-Device AI Era

2024 AloT Conference

2024. 10. 31 (목) 10:00~17:00

Conference Room E1~E4, COEX, Seoul, Korea

During Conference Presentation, an AI-based KR-EN simultaneous interpretation(Text) Service is provided available on individual mobile phones, laptops.

Program

Keynote

Business Strategy and Government Policy in the Age of On-Dive AI

Moderator: Professor Woo-yong Kim, Sejong University

시간	내용	발표
10:00~10:30	Sovereign AI: Korea's Global Growth Strategy in the Age of Generative AI	Jung-woo Ha , Center Director, Naver Cloud Corp.
10:30~10:50	Government's AloT Policy	Ministry of Science and ICT
10:50~11:20	Is the Age of Artificial General Intelligence (AGI) Coming?	Kyung-il Lee , CEO, Saltlux
11:20~12:00	A New Stage for Generative AI, On-Device AI	Jun-ki Lee , Director, AI Center, Samjong KPMG

Track 1 Technology Trends

Session 1. On-Device AI Technology Trends

Moderator: Il-yeop Ahn, Center Director, KETI

시간	내용	발표
13:40~14:10	On-Device AI Technology Trends	Seok-jun Lee , Senior Researcher, KETI
14:10~14:40	AI Model Lightweight Technology Trends for Implementing On-Device AI	Seok-young Jo , Chief of Staff, Nota AI
14:40~15:10	Small Language Model (sLM) Technology Trends	Hong-seop Choi , CEO, Maum AI

Session 2. Future Technology Trends

Moderator: Dong-Hoon Lim, Team Leader, IITP

시간	내용	발표
15:30~16:00	AloT R&D Strategy and Promotion Direction	Chang-won Ahn , PM, IITP
16:00~16:30	5G-V2X and Connected Mobility	Seung-soo Hong , Chief Business Officer, Ettifos
16:30~17:00	Autonomous IoT Technology Trends and Prospects	Chan-won Park , Department Manager, ETRI

Track 2 Global Trends

Session 3. Global Standardization Trends

Moderator: Jeong-heon Kim, Team Leader, TTA

시간	내용	발표
13:40~14:10	Standardization Trends in AloT Networking Technology	Yong-geun Hong , Professor, Daejeon University
14:10~14:40	Standardization Trends in CitiVerse	Geun-yeong Kim , Researcher, ETRI
14:40~15:10	Standardization Trends to Ensure Trustworthy AI	Jun-ho Kwak , Team Leader, TTA

Session 4. Global Business Trends

Moderator: Professor Jun-seok Park, Kookmin University

시간	내용	발표
15:30~16:00	Amazon Web Services (AWS) Generative AI and IoT	Joo-heon Choi , Solutions Architect, AWS
16:00~16:30	Development of AloT in China	Liu Xuemei , Director, Northeast Asia Digital Economy Industry Collaborative Innovation Center
16:30~17:00	Status of the IoT market in Asia	Kyung-jun Lee , Branch Manager, MultiTax Systems

Track 3 Service Trends

Session 5. Industrial Use Cases

Moderator: Professor No-jeong Heo, Dongyang University)

시간	내용	발표
13:40~14:10	Introduction to Smart Mobility Safety Infrastructure Technology Based on Autonomous Driving Activation	Young-shin Kim , CEO, Gragtor
14:10~14:40	Digital Innovation Cases in Industry using Edge AI	Jun-hyung Jo , Manager, Advantech KR
14:40~15:10	Key use cases based on on-device AloT technology	Seung-chan Kim , Team Leader, KT Corp.

Session 6. Digital Safety & Security

Moderator: Professor Gwang-ho Jang, Hanshin University

시간	내용	발표
15:30~16:00	Use cases of AloT technology in the field of public security	Nam-Woo Lee , Team Leader, Korea Institute of Police Technology
16:00~16:30	Anomaly Detection Technology and Case Study for Implementing Social Safety Network Services	Gyu-Baek Kim , Department Manager, SK Telecom
16:30~17:00	Cases of Real-Time Safety Diagnosis of Wire Ropes in Industrial Sites Using AloT	Seong-Su Yoo , Director, Nkia

Track 4 Security Trends

Session 7. IoT Security Policy and Vulnerability Management

Moderator: Professor Seong-jae Lee, Kangwon National University

시간	내용	발표
13:40~14:10	Introduction to IoT Security Labeling and Certification Schemes at Home And Abroad	Jae-hyung Lee , Team Leader, KISA
14:10~14:40	Measures to Strengthen Supply Chain Security for IoT Businesses	Dong-hwa Lee , Team Leader, KISA
14:40~15:10	Actions to Manage IoT Security Vulnerabilities	Young-min Cho , CEO, ZIEN

Session 8. AloT Security Enhancement Measures

Moderator: Jeong-nyeo Kim, Director, ETRI

시간	내용	발표
15:30~16:00	Lightweight, Quantum-Resistant Signature in the IoT Environment	Gwang-jo Kim , Emeritus Professor, KAIST
16:00~16:30	AloT Security in AI Environments	Tae-kyung Kwon , Professor, Yonsei University
16:30~17:00	Measures to Strengthen Future Convergence Security	Han-sol Yoo , Team Leader, KISA

※ Schedule may change depending on the circumstances of the organizers.