「IoT·5G·AI」Convergence-based Case Studies and Response Strategies in the Public/Industrial Sector

Oct. 24(Thu), 2019 / Coex 3F Rm.317, Rm.318, Rm.327

Track 1 — Public Sector — Coex 3F Rm.317

Time	Topic	Speaker
09:30 ~ 10:00	Status of IoT Policy by Ministry of Science and ICT	Ministry of Science and ICT **Dong-Jeong Lee**, Director

Session 1. Trends in Government Projects for 5G · IoT · AI Convergence
▶ Session Chair : Korea Intelligent IoT Association **Won-Keun Park**, General Manager

Time	Topic	Speaker
10:00 ~ 10:30	Smart Farm Policy in Korea for sustainable and productive agriculture	Ministry of Agriculture, Food and Rural Affairs **Dong-Wook, Shim**, Deputy Director
10:30 ~ 11:00	Government Support Strategy of Smart Manufacturing Innovation	Korea Smart Manufacturing Office **Han-Ku Park**, President
11:00 ~ 11:30	Current Status and Promotion Direction for Digital Healthcare	Korea Health Industry Development Institute **Byung-Goan Lee**, Team Leader
11:30 ~ 12:00	Status of 5G Convergence Pilot Service Projects	Giga Korea Foundation **Seong-Choon Lee**, President

Session 2. Cases on the Establishment of Smart City by Local Government in Korea and Abroad
▶ Session Chair : Chung-Ang Univ. **Chan-Ho Kim**, Professor

Time	Topic	Speaker
13:30 ~ 14:00	Cases on the Establishment and Implications of SmartCity	Ericsson-LG **Ji-Hoon Kang**, Digital Service Korea Consultant
14:00 ~ 14:30	Digital Data-based National Pilot Smart City of Sejong with Philosophy and Values	Smart City National Pilot City Sejong Master Plan Team **Jason Wyee**, Researcher
14:30 ~ 15:00	The Future Proof City : Busan Eco Delta Smart City	K-water **Do-Shik Yang**, Director, The Centre for Future City
15:00 ~ 15:30	Make a future of Seoul with citizens and corporations	Seoul Metropolitan Goverment **Young-Soon Lee**, Team Leader Smart City Division

Session 3. Case Studies on the Public Sector (Water, Air, Safety)
▶ Session Chair : National Information Society Agency **Seok-Sang Rhu**, Vice President

Time	Topic	Speaker
15:50 ~ 16:30	Intelligence Technologies & Applications in Water Supply Management	Korea Water Resources Corporation **Ju-Hwan Kim**, Senior head researcher
16:30 ~ 17:10	Personalized Air Quality Services based on IoT technology and Big Date Analisys	Kweather co. ltd. **Sang-Min Cha**, President, Air Intelligence Center
17:10 ~ 17:50	Disaster & Safety Information Sharing System based on Data	Korea Institute of Science and Technology Information **Beom-Jong You**, Team Leader

Track 2 — Industrial Sector — Coex 3F Rm.318

Time	Topic	Speaker
09:30 ~ 10:00	Digital business model with accelerated 5G for IoT/vision sensing	KPMG Korea **Mun-Gu Park / Tai-Young Kim**, Partner / Director

Session 4. Smart Factory, Smart Logistics, Smart Ship
▶ Session Chair : Telecommunications Technology Association **Jae-Ung Kim**, Senior Research Scientist

Time	Topic	Speaker
10:00 ~ 10:40	Establishment of Smart Factory Ecosystem in Korea	LSIS Co.,Ltd. **Jae-Shin Kim**, Senior Manager
10:40 ~ 11:20	Direction of Smart Logistics (case of Intelligent Postal Service Systems)	LG CNS **Seok-Young Son**, Team Leader
11:20 ~ 12:00	Hyundai's Smart and Autonomous Ship Solution	Korea Shipbuilding & Offshore Engineering **Do-Hyeong Lim**, Senior Researcher

Session 5. Smart Healthcare, Smart Home Devices, Smart Office
▶ Session Chair : Electronics and Telecommunications Research Institute **Jun-Hui Park**, Senior Research Scientist

Time	Topic	Speaker
13:30 ~ 14:10	Artificial Intelligence for Medical Image Analysis and Its Clinical Applications	VUNO Inc. **Kyu-Hwan Jung**, CTO
14:10 ~ 14:50	Connected Living & Samsung Home IoT	Samsung Electronics **Young-Seok Chang**, Principal Professional
14:50 ~ 15:30	Case Study of Smart Office Construction and Expansion of Emotional IoT Application	DongApm Ltd., **Yang-Woo Lee**, Team Leader

Session 6. Business Plans for Domestic/International ICT Enterprises
▶ Session Chair : Korea Communications Agency **Ho-Yeong Kim**, Team Leader

Time	Topic	Speaker
15:50 ~ 16:30	Evolution of Smart Factory via 5G Connectivity	SK Telecom **In-Sik Kang**, Manager
16:30 ~ 17:10	Everyday with 5G	LG Uplus **Kyung-Hwan Lee**, Professional
17:10 ~ 17:50	Smart Convergence Industries via Hyper Connected Infrastructure	Dell Technologies **Gui-Nam Choi**, Senior Consultant

Track 3 — IoT-based Technology, Security, and Standardization Issues — Coex 3F Rm.327

Time	Topic	Speaker
09:30 ~ 10:00	Cyber security for IoT Devices – Does it Matter?	DigiCert, Inc **Mike Nelson** VP of IoT Security

Session 7. Micro IoT and New IoT Technologies
▶ Session Chair : Korea Electronics Technology Institute **Kwang-Ho Won**, Vice President

Time	Topic	Speaker
10:00 ~ 10:40	AutoMaTa : Autonomous Management framework based on artificial intelligent Technology for adaptive and disposable IoT	Korea Electronics Technology Institute **Jae-Ho Kim**, Director
10:40 ~ 11:20	Human-centered IoT: Human-Things Interaction	Kwangwoon Univ. **Young-seok Choi**, Associate Professor
11:20 ~ 12:00	IoT Analytics for Industries	Nokia **Byoung-Soo Kim**, CSA leader

Session 8. New Technologies of AI · IoT Convergence
▶ Session Chair : Institute For Information & Communications Technology Promotion **Han-Eol Jeon**, Team Leader

Time	Topic	Speaker
13:30 ~ 14:10	Medical field research using artificial intelligence	Gachon Univ. **Kwang-Gi Kim**, Professor
14:10 ~ 14:50	BeeAI Edge-computing Technologies for the Autonomous and Intelligent IoT World	Electronics and Telecommunications Research Institute **Yeon-Hee Lee**, Director
14:50 ~ 15:30	Digital Twin making Smart Services possible	OPASNET co., Ltd. **Se-Bok Yoo**, Managing Director

Session 9. Trends and issues of IoT Security · Standardization
▶ Session Chair : Korea Internet & Security Agency **Seung-Gu Ji**, Team Leader

Time	Topic	Speaker
15:50 ~ 16:30	IoT Helping Manufacturers & Consumers Stay Connected	UL Korea **Keity Kim**, Director & GM CTECH Korea
16:30 ~ 17:10	Security Trends and Issues in the 5G Era	Pusan National Univ. **Ho-Won Kim**, Professor
17:10 ~ 17:50	AI Standard Trend and Issues for IoT & 5G	Dong-Eui Univ. **Joo-Sang Youn**, Professor

* This program can be changed