Hyper-connected ICT Convergence New technology and utilization strategies Conference

- IoT International Conference 2018 -

Sep. 12(Wed), 2018 / Coex 3F Hall E, Seoul, Korea

▶ Common Track (Presider : YONSEI UNIV. Professor, Jung-Hoon Lee)

Time	Topic	Speaker
09:30~10:10	【Keynote 1】 Data and Intelligent IoT	IBM KOREA / Andrew Chang, General Manager
10:10~10:50	【Keynote 2】 Going Digital Through Internet of Things	OECD, Sam Paltridge, Ph.D/Head of Unit, Alexia Gonzalez Fanfalone, Ph.D/Economist
10:50~11:10	Opening Ceremony	
11:10~11:50	【Keynote 3】 Global Trends in Automobile & Telecommunicatio	KT / Kangrim Choi, Vice President

▶ Special Track

Track 1 — Case Studies of Public IoT Services

Time	Topic	Speaker
Session 1. IoT Policies in Asia ▶ Session Chair : NATIONAL IT PROMOTION AGENCY Joon-Soo Jeon, Executive Director		
13:00 ~ 13:30	Korea's IoT Development and Application Status	MINISTRY OF SCIENCE AND ICT Ki-Sung Yang, Team Leader
13:30 ~ 14:00	Overview of Trillion IoT/M2M In Japan	NEW GENERATION IoT/M2M CONSORTIUM Dr. Taizo Kinoshita, Director
14:00 ~ 14:30	The IoT Industry & Smart City of China Overview	Z-PARK IoT INDUSTRY ALLIANCE Zhengwei Wang, President
Session 2. Public Infrastructure (Smart City, Roads, and Energy) ▶ Session Chair : ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Hyun Kim, Assistant Vice President		
14:40 ~ 15:10	Busan's Eco-Delta City Project for Smart City	KOREA WATER RESOURCES CORPORATION Jeong-Hyeok Park, Ph.D.
15:10 ~ 15:40	Korea Electric Power Corporation's IoT Technology	KOREA ELECTRIC POWER CORPORATION Myung-Hye Park, Principal Researcher
15:40 ~ 16:10	A Human-Centered Smart Expressway	KOREA EXPRESSWAY CORP. In-Ho Chun, Team Leader
Session 3. Environment, Medical, Safety (Disasters) ▶ Session Chair: NATIONAL INFORMATION SOCIETY AGENCY Seok-Sang Rhu, Vice President		
16:20 ~ 16:50	Application of "National Air Quality Management System"	NATIONAL INSTITUTE OF ENVIRONMENTAL RESEARCH Im-Seok Chang, Director
16:50 ~ 17:20	The current status of ICT based Precision Medicine in korea	NATIONAL IT INDUSTRY PROMOTION AGENCY Jun-Young Lee, Director
17:20 ~ 17:50	"Alert Technology" for Disaster Management	NATIONAL DISASTER MANAGEMENT RESEARCH INSTITUTE Kyungsoo Pyo, Deputy Scientific Director

Track 2 — Industrial IoT Services

Time	Topic	Speaker
Session 4. Smart Factory, Manufacturing, and Logistics ▶ Session Chair : AJOU UNIV. Professor Ki-Hyung Kim		
13:00 ~ 13:30	Smart Factory Strategy and Skills	SMART FACTORY RESEARCH Il-young Chung, Director
13:30 ~ 14:00	Hyundai Glovis' Strategy for Smart Logistics 4.0	HYUNDAI GLOVIS Hyoun-Mok Lee, Department Head
14:00 ~ 14:30	Research Cases and Issues in the Field of Food Distribution IoT	KOREA FOOD RESEARCH / Jong-Hoon Kim, Ph.D.
Session 5. Smart Farm, Construction ▶ Session Chair : KOREA AGENCY OF EDUCATION, PROMOTION AND INFORMATION SERVICE IN FOOD, AGRICULTURE, FORESTRY AND FISHERIES Dong-Seo Bang, Executive Director		
14:40 ~ 15:10	The evolution of industrial service using NB-IoT	LG UPLUS Young-Man Kim, Mobile IoT Unit Director
15:10 ~ 15:40	The Trend and Forecast of Smart Livestock Farming Technology	uLikeKorea Co., Inc. / Hee-Jin Kim, CEO
15:40 ~ 16:10	Smart Home & IoT Platform	GS E&C / Young-Shin Kim, Managing Director
Session 6. Smart Mobility (Drones, Autonomous Driving) ▶ Session Chair : KOREA ELECTRONICS TECHNOLOGY INSTITUTE Kwang-Ho Won, Executive Director		
16:20 ~ 16:50	Public transportation with autonomous-driving technology	UNMANNED SOLUTION CO. Hee-Chang Moon, CEO
16:50 ~ 17:20	Application of Drones In the 4th Industrial Revolution Era	KOREA AEROSPACE RESEARCH INSTITUTE Wang-Gu Kang, Director
17:20 ~ 17:50	Recent Trends of Connected Autonomous/Automated Vehicle	KOREA AUTOMOTIVE TECHNOLOGY INSTITUTE Jae-Kwan Lee, Vice President

Track 3 — IoT Technology, Standards, and Security

Time	Topic	Speaker
Session 7. Latest IoT Technology and Prospects ▶ Session Chair : JEJU NATIONAL UNIV. Do-Hyeon Kim, Professor		
13:00 ~ 13:30	Intelligent IoT – Converging IoT and AI	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Hyun Kim, Assistant Vice President
13:30 ~ 14:00	Recent Trends in AI Platforms and Issues in Developing AI Services	KSB Convergence Research Department Yeon-Hee Lee, Team Leader
14:00 ~ 14:30	The Technology Trends and Vision of Digital Twin	KOREATECH UNIV. / Won-Tae Kim, Professor
Session 8. IoT Standards and Frequency ▶ Session Chair : ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Hyoung-Jun Kim, Assistant Vice-President		
14:40 ~ 15:10	Too many standards for the IoT?(oneM2M)	ETSI / Mr. Luis Jorge Romero Director-General
15:10 ~ 15:40	"OCF Standards 2.0" Standardization and Development	OCF KOREA / Su-Hong Park, Chairman
15:40 ~ 16:10	ROK Technical Regulations for IoT	NATIONAL RADIO RESEARCH AGENCY Ki-Chang Yoon, Researcher
Session 9. IoT Security, Patent, and Platform ▶ Session Chair : PUSAN NATIONAL UNIV. Ho-won Kim, Professor		
16:20 ~ 16:50	Best Practice through Global Case	ENTRUST DATACARD Moon-Hyung Lee, Country Manager
16:50 ~ 17:20	Internet of Things Essential Patent Strategy	KOREA INTELLECTUAL PROPERTY STRATEGY AGENCY Sung-Hyuk Park, PM
17:20 ~ 17:50	Developing IoT devices with Tizen open-source platform	SAMSUNG ELECTRONICS / Ki-Sung Son, Specialist

Track 4 — IoT Convergence: New Technologies

Time	Topic	Speaker
Session 10. 5G ▶ Session Chair : KOREA COMMUNICATIONS AGENCY Jong-Sung Choi, Executive Director		
13:00 ~ 13:30	Meaning of 5G Era In the B2B Business Perspective	SK TELECOM / Kyong Hwan Ra , Team Leader
13:30 ~ 14:00	Huawei's 5G Development Strategy and Future Plans	HUAWEI / Richard Li, Ph.D.
14:00 ~ 14:30	Toward 5G-Vertical Trials	YONSEI UNIVERSITY / Dong-Ku Kim, Professor
Session 11. Blockchain ▶ Session Chair : INSTITUTE FOR INFORMATION & COMMUNICATIONS TECHNOLOGY PROMOTION Blockchain Convergence PM		
14:40 ~ 15:10	The practical uses and prospects of Blockchain to enhance Social Values	SK C&C / Jeong-Yeon Won, Advisor
15:10 ~ 15:40	Security Issues When Linking IoT and Blockchain	PUSAN NATIONAL UNIV. Ho-won Kim, Professor
15:40 ~ 16:10	A Design of Block Chain Industry Promotion Policy in Korea	Korea Internet & Security Agency Kyoung-Sik Min, Team Leader
Session 12. Cloud-Edge Computing ▶ Session Chair : TELECOMMUNICATIONS TECHNOLOGY ASSOCIATION Gang-Hae Lee, Senior Research Scientist		
16:20 ~ 16:50	Digital Transformation via Intelligent Edge	HPE / Chung-Geun Yoo, Senior Director
16:50 ~ 17:20	Enabling Intelligence and Management Over the Edge	ARM / Byung-Doo Choi, Department Head
17:20 ~ 17:50	Industry and Technology Trends for Edge Computing in IoT System	GACHON UNIVERSITY / Joo-Hyung Lee, Professor

※ This program can be changed