IoT International Conference 2017 (Simultaneous interpretation [KR-EN] will be provided)

The 4th Industrial Revolution Correspondence Strategy By Public & Industrial Sectors Based On The 「IoT+Big Data+AI」

Oct.12(Thu), 2017/Coex 3F Hall E, Seoul, Korea

▶ Common Track (Presider : SOOKMYUNG WOMEN'S Univ. Professor Jong-Won Choe)

Time	Presentation Topic	Speaker
09:30~10:10	【Keynote 1】 Current And Future Of Smart Manufacturing With IoT And Scalable Analytics	ROCKWELL AUTOMATION Inc. (Mukund, Software Business Manager)
10:10~10:20	opening ceremony	
10:20~11:00	【Keynote 2】 AMAZON.COM's IoT, Big Data, AI Case Studies And Related Cloud Service Introduction	AMAZON WEB SERVICE (Woo-Jin Jung, Business Development Manager)
11:00~11:40	【Keynote 3】 SAMSUNG ELECTRONICS' The 4th Industrial Revolution Correspondence Strategy	SAMSUNG ELECTRONICS
11:40~13:00	Lunch	

▶ Special Track

Track 1 — Case Analysis Of Public Business Commercialization Based On The ICT

Time	Session	Speaker
Session 1. Korean Government's IoT Policy And Case Analysis Of Demonstration Project ▶ Session Chair : SUNGKYUNKWAN UNIV. Yoon-Deock Lee, Professor		
13:00 ~ 13:20	MINISTRY OF SCIENCE AND ICT's Direction On IoT Policy	MINISTRY OF SCIENCE AND ICT Jae-Hyeong Lee, Director
13:20 ~ 13:55	Technological/Business Implications On Smart City Demonstration Project	NATIONAL IT PROMOTION AGENCY Joon-Soo Jeon, Executive Director
13:55 ~ 14:30	Issue & Implications Of Emerging Technology Commercialization Based On The Results Of 'IoT-based Public Service Project'	NATIONAL INFORMATION SOCIETY AGENCY Seok-Sang Rhu, Vice President
Session 2. Case Analysis Of Public Infrastructure(Bridge, Water, Electricity) ▶ Session Chair : NATIONAL INFORMATION SOCIETY AGENCY Seok-Sang Rhu, Vice President		
14:40 ~ 15:10	Examples Of Highway Construction And Future Prospect Using New Technology Such As IoT	KOREA EXPRESSWAY CORPORATION Dong-Yoon Shin, Manager
15:10 ~ 15:40	Cases And Prospects Of Water Management Systems Using ICT	KOREA WATER RESOURCES CORPORATION Hyeong-Gyu Kim, Deputy General Head
15:40 ~ 16:10	Case of Power Management System Using IoT, Big Data And AI	KOREA ELECTRIC POWER CORPORATION Myung-Hye Park, Senior Engineering
Session 3. Case Analysis Of Social Welfare And Environment(Atmosphere, Weather) ▶ Session Chair :KOREA ELECTRONICS TECHNOLOGY ASSOCIATION Kwang-Ho Won Executive Director		
16:20 ~ 16:50	Social Welfare Services And Policy Tasks Using The IoT	KOREA INSTITUTE FOR HEALTH AND SOCIAL AFFAIRS Yeon-Hee Lee, Team Leader
16:50 ~ 17:20	Construction Of Hyper-Connected Intelligent Data Ecosystem and Its Application for Improving Air Quality	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY INFORMATION Hanmin Jung, Director
17:20 ~ 17:50	ICT-Based Weather Information Convergence Service	KOREA METEOROLOGICAL INSTITUTE Cheol-Han Bang, Team Leader

Track 2 — ICT Company's The 4th Industrial Revolution Correspondence Strategy

Time	Session	Speaker
Session 4. Creating New Businesses ▶ Session Chair : KOREA UNIV. Keun-hee Han, Professor		
13:00 ~ 13:30	The Future Of Sharing Economy & Smart Rental In The 4th Industrial Revolution	KT ECONOMICS AND MANAGEMENT RESEARCH INSTITUTE Jae-Pil Kim, Director
13:30 ~ 14:00	ICT-Based Ridesharing Service : Past And Future	UBER Priscilla Baek, Policy Lead, Asia
14:00 ~ 14:30	Developing Of IoT Business Model With Edge Computing Strategy	HPE Hwa-Hyeon Yu, Managing Director
Session 5. Korean Telecommunication Company's (KT, LG U+, SKT) Business Strategy ▶ Session Chair : KOREA COMMUNICATIONS AGENCY Jong-Sung Choi, Executive Director		
14:40 ~ 15:10	The 4th Industrial Revolution And The Direction Of Telecommunication Industries	KT Kwang-Wook Lee, Vice President
15:10 ~ 15:40	Deployment of NB-IoT Network & Business Strategy of LG Uplus	LG U+ Jong-Hwa Jeong, General Manager
15:40 ~ 16:10	SKT's Business Strategy In The Era Of The 4th Industrial Revolution	SK TELECOM Kyeong-Hwan Ra, Team Leader
Session 6. Global ICT Company's Business Strategy ▶ Session Chair : ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Hyun Kim, Assistant Vice President		
16:20 ~ 16:50	Change of manufacturing industry with cognitive computing	IBM KOREA Yoon-Jung Jang, Managing Director
16:50 ~ 17:20	INTEL IoT & AI Vision & Strategy	INTEL KOREA Jin-Seok Kim, Solution Architect
17:20 ~ 17:50	TELIT's View Of NB-IoT And Smart Factory	TELIT WIRELESS Kim Steven, Senior Director

Track 3 — Case of The 4th Industrial Revolution Correspondence Strategy Based on ICT by industry

Time	Session	Speaker
Session 7. Correspondence Case Of The Manufacturing Business ▶ Session Chair : ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Hyoung-Jun Kim, Assistant Vice-President		
13:00 ~ 13:30	Engineering Model For Smart Factory	SK HOLDINGS C&C Dae-Uk Kwon, Tech. Specialist
13:30 ~ 14:00	Project Efficiency In The PLM System Development Based on Smart Factory & Big Data	HYUNDAI HEAVY INDUSTRIES Jong-Sik Kim, Department Head
14:00 ~ 14:30	IoT-Based Smart Car Core Technology	KOREA AUTOMOTIVE TECHNOLOGY INSTITUTE Su-Jin Kwag, Team Leader
Session 8. Correspondence Case Of The Offshore Plant, Distribution, And Chemical Industry ▶ Session Chair : NATIONAL IT PROMOTION AGENCY Joon-Soo Jeon, Executive Director		
14:40 ~ 15:10	Maritime IoT And Maritime Robot	KOREA INSTITUTE OF OCEAN SCIENCE & TECHNOLOGY Seung-Jae Baek, Senior Research Scientist
15:10 ~ 15:40	Case Study of Digital Innovation in CJ LOGISTICS	CJ LOGISTICS Koo-Po Kwon, Team Leader
15:40 ~ 16:10	Diagnosis And Adjustment Of Coal Boiler Combustion Using Artificial Neural Network Technology	DOOSAN HEAVY INDUSTRIES & CONSTRUCTION Chae-Soo Lee, Principal Research Engineer
Session 9. Correspondence Case Of The Construction, Steel, And Agricultural Industry ▶ Session Chair : KOREA AGENCY OF EDUCATION, PROMOTION AND INFORMATION SERVICE IN FOOD, AGRICULTURE, FORESTRY AND FISHERIES Dong-Seo Bang, Executive Director		
16:20 ~ 16:50	HYUNDAI ENGINEERING & CONSTRUCTION Smart Home Build Case and Differentiate Strategies	HYUNDAI ENGINEERING & CONSTRUCTION Jung-Han Kim, Manager
16:50 ~ 17:20	Strategy For Smart Factory In Steel Manufacturing	POSCO Jin-Soo Park, Leader
17:20 ~ 17:50	The 4th Industrial Revolution Correspondence Strategy Of Agricultural Sector With ICT Convergence	CHONNAM NATIONAL UNIV. Kyeong-Hwan Lee, Professor

Track 4 — AI & IoT's Technologies/Standards/Security Trends And Issues

Time	Session	Speaker
Session 10. Tech & Law Policy Trends ▶ Session Chair : INSTITUTE FOR INFORMATION & COMMUNICATIONS TECHNOLOGY PROMOTION Hyun Je Park, CP		
13:00 ~ 13:30	IoT, Big Data-Based Artificial Intelligence Technology Development Trend	KOREA ELECTRONICS TECHNOLOGY INSTITUTE Hye-Dong Jung, Director
13:30 ~ 14:00	Past, Present And Future Of IoT	ELECTRONICS AND TELECOMMUNICATION RESEARCH INSTITUTE Hyun Kim, Assistant Vice President
14:00 ~ 14:30	Proposal For New Regulation Of De-Identification Of Personally Identifiable Information For AI & IoT Services	TEK&LAW Megan Huang, Lawyer
Session 11. IoT Security And Block Chain Trends ▶ Session Chair : KOREA INTERNET & SECURITY AGENCY Sung-Jae Lee, Executive Director		
14:40 ~ 15:10	IoT Cyber Security	UL Paul Blackett, Manager
15:10 ~ 15:40	The Power Of Hardware-Based Security	MAXIM INTEGRATED Christophe Tremlet, Executive Manager
15:40 ~ 16:10	Security Issues of Block Chain Technologies	PUKYONG NATIONAL UNIV. Kyung-Hyune Rhee, Professor
Session 12. IoT Standardization And Patent Trends ▶ Session Chair: TELECOMMUNICATIONS TECHNOLOGY ASSOCIATION Keun-Gu Lee, Executive Director		
16:20 ~ 16:50	OCF Forum Standardization Status And Development	OCF KOREA U-Ze Choi, Technology Committee Chairman
16:50 ~ 17:20	oneM2M Rel-3 Standardization Status And Interworking Technology	oneM2M Seung-Myung Jung, Architecture W.G Vice Chairman
17:20 ~ 17:50	IoT Patent Trends	IPST PATENT & LAW FIRM Jung-Bin Kang, Chief Patent Lawyer

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