

Korea-Germany Joint AAS Standards-based Smart Manufacturing Data Collection/Storage Forum

2020.10.13 (Tuesday)



□ Event Outline

- **Summary:** To hold an online forum to share the current status of Korea and Germany on the development, testing and utilization of AAS standards
- **Date:** 2020. 10. 13, 14:00~18:00 Korean time (4 hours)
- **Location:** Online Platform (Virtual Conference)
- **Attendance:**
 - (Online) Experts related to domestic manufacturing standards, A total of around 200 people, including small and medium-sized businesses, about 50 German I4.0/AAS experts
- **Details**
 - Introduction of strategies and action plans for the dissemination and diffusion of smart manufacturing technologies in Korea
 - Introduction of AAS standard-based manufacturing data collection/ storage pilot project
 - Implementation of the pilot plant AAS model and introduction of application practice
 - Introduction of the proposal to build a testbed for Korea-Germany smart manufacturing interoperability (AAS, Edge Configuration towards GAIA-X)

□ Event schedule

Time of the event		Details of the event	Remark
14:00 ~ 14:20	20 min	• Event information	Prof. Seung-Ho HONG, Hanyang University
		• greetings	Mr. Hongyeol LEE, Deputy Director MSS (Ministry of SMEs and Startups)
		• Welcome speech from Germany	Dr. Friedrich Gröteke BMWi (German Economy Ministry)
14:20 ~ 14:50	30 min	• Promotional strategy and action plan for innovation of smart manufacturing in Korea	President Hanku PARK, KOSMO
14:50 ~ 15:20	30 min	• AAS based cloud data collection and storage for SME	Mr. Yu-Chul KIM, CEO, Nestfield (SME)
15:20 ~ 15:50	30 min	• The practice of implementing AAS in the pilot plant in Korea	Dr. Joo-Yeon LEE, KITECH (Korea Institute of Industrial Technology)
15:50 ~ 16:15	25 min	• Break time (Video: AAS-based Plug-and-Produce Demo System)	
16:15 ~ 17:15	60 min	• Testbeds for interoperability in a German-Korean setting: AAS, Edge Management, European data infrastructure (GAIA-X)	Dr. Dominik ROHRMUS, CTO, LNI 4.0, Germany
17:15 ~ 17:30	15 min	• Standardization and interoperability in a German-Korean context	Dr. Jens Gayko, CEO, SCI 4.0, Germany
17:30 ~ 18:00	30 min	• Q & A	Prof. Seung-Ho HONG, Hanyang University

* Online registration information will be announced later