

SHOW GUIDE

The 8th International SMART FACTORY & Manufacturing Technology Fair

10. 17^(Tue) ~ 10. 20^(Fri)
CECO

Hosted by  경상남도  organized by  KITA     

SPONSOR



Overview

Title The 8th International SMART FACTORY & Manufacturing Technology Fair [SMATOF 2023]

Period 2023. 17th(Tue) ~ 20th(Fri), October
Business Day : 17th(Tue)~19th(Thu), October
10:00~17:00(Students are not allowed)
Public Day : 20th(Fri), October
10:00~16:00(Students can visit)

Venue CECO

Special Pavilion



Robot Industry
Special Pavilion



Changwon
Special City
DX Pavilion



3D Printing
Special Pavilion



Food Tech
Lounge

Concurrent Event

Conference

FACTORY CON
SIEMENS CON
AM TECHNOLOGY
SYMPOSIUM

Networking DAY (Beer Party) with Robot



BUYERS Biz Matching

WELCOME DINNER
and IR
with 
SMART FACTORY TOUR
LGSmartPark, Taelim, KETI

Special Prize

Lucky Draw on the Last day!
Hope you are the one for every visitors who got badges!



LG Standbye



Wellspa kit



Hair shampoo

Concurrent Event

FACTORY CON

- Period : October 17th(TUE)-20th(FRI) - Location : Factory Con(E031)

Enhancing Manufacturing Competitiveness through Smart Factory Advancement

October 17th(TUE), 14:00~16:30 / Organized by KITA

Time		Content	Presenter
12:20-13:10	50'	Networking & beer time (Hanwha Robotics, STSROBOTECH - Beer Robot)	
14:00-14:10	10'	Opening remarks	
Session-1: Government's Smart Manufacturing Policy and Smart Manufacturing Strategy of Leading Companies in Korea			
14:10-14:40	30'	[Keynote Speech] Promotion of Digitalization and Advancement in Manufacturing Sites	An Kwang-hyun, Head of the Korea Smart Manufacturing Office (KOSMO)
14:40-15:10	30'	[Topic Presentation 1] Smart Manufacturing: How Should We Approach It?	Kim Jae-shin, Team Leader at LS Electric
15:10-15:30	20'	Networking & beer time (Hanwha Robotics, STSROBOTECH - Beer Robot)	
Session-2: Support Projects for Smart Manufacturing Innovation and Leading Overseas Companies' Smart Manufacturing Strategies			
15:30-16:00	30'	[Topic Presentation 2] Support Projects for Small and Medium Enterprises' Smart Manufacturing Innovation	Lee Jung-cheol, Team Leader at Korea Productivity Center's Smart Manufacturing Consulting Center
16:00-16:30	30'	[Topic Presentation 3] From Product Development to Mass Manufacturing with the Introduction of the "All-in-One" AM (Additive Manufacturing) Technology	Kim Dae-kyung, Presales-Application Engineer at STRATASYS

Transformation of Manufacturing Industry through Smart Factory Integration

October 18th(Wed), 13:30~16:20 / Organized by KOIIA

Time		Content	Presenter
12:30-13:20	50'	Networking & beer time (Hanwha Robotics, STSROBOTECH - Beer Robot)	
Key Session: Domestic Manufacturing Industry DX (Digital Transformation)			
13:30-14:00	30'	New Industrial Ecosystem Created by Co-robots	Jung Byung-chan, Team Leader at HANHWA ROBOTICS
14:00-14:30	30'	Digital Process Innovation and Environmental Regulation Response Strategy for Enhancing the Global Competitiveness of the Manufacturing Industry	Jung Sung-sik, Technical Representative at DASSAULT SYSTEMES Korea
14:30-14:50	20'	Networking & beer time (Hanwha Robotics, STSROBOTECH - Beer Robot)	
Session: SMEs' DX (Digital Transformation) Cases			
14:50-15:20	30'	Case Study on Intelligent Process Management Using the Fool Proof System and Heterogeneous Tool Management Platform in Manufacturing Process	Lee Sang-hoon, Vice CEO of ULALALAB INC.
15:20-15:50	30'	Efficient Production Management within Companies and Departments and Realization of Digitalization Using 3D Data Effectively	Yoon Jeong-do, Deputy Manager at IGPNET CO., LTD.
15:50-16:20	30'	Manufacturing Innovation Cases Using AI - From Anomaly Detection to Optimization	Ahn Seung-yong, Director at MakinaRocks

Software Technology Strategies for Digital Innovation

October 20th(Fri), 11:00~12:00

Time		Content	Presenter
11:00-11:30	30'	Extended Reality (XR) Technology, The Quick and Easy Way to Pass Down Expert Know-how	VERNECT Che Hang-rae, Division Head
11:30-12:00	30'	Accelerating Smart Manufacturing Innovation Through The Predictive Maintenance Solutions for Industrial AI-based Facilities	ONEPREDICT Che Joong-keun, Deputy Manager
12:00-13:00	60'	Networking & beer time (Hanwha Robotics, STSROBOTECH - Beer Robot)	

Concurrent Event

SIEMENS CON

Accelerating Digital Transformation through Siemens' Digital Enterprise Solutions

- Period : October 19th(Thu) 10:00-16:00

- Location : FactoryCon(E031)

- Organized by : Korea Siemens Digital Industry

Time		Content	Presenter
10:00-11:00	60'	Overview of SIEMENS' Digital Twin Solution and Industrial Edge for SIGreen OT-IT Integration for Sustainability	Digital Enterprise Business Division Kim Tae-ho, Director
11:00-12:00	60'	Industrial AI and Global Application Cases	Factory Automation Division Yoon Woong-hyun, Division Head
12:00-12:50	50'	Networking & beer time (Hanwha Robotics, STSROBOTECH - Beer Robot)	
13:00-14:00	60'	Connectivity and Digital Consulting	Customer Service Division Kim Kwang-hae, Section Chief
14:00-15:00	60'	Factory (Process) Visualization, Automation, and Smart Process Development and Virtual Verification Solution	Software Business Division Park Se-jong, Sales Representative
15:00-15:30	30'	Expansion of Wireless Communication	Process Automation Division Park Joo-kyung, Division Head
15:20-15:40	20'	Networking & beer time (Hanwha Robotics, STSROBOTECH - Beer Robot)	
15:30-16:00	30'	Q&A / Closing	

The 2nd Smart Manufacturing AM(Additive Manufacturing) Technology Sharing Symposium

Advancements in 3D Printing Technology and Industrial Applications : A Case study Approach

- Period : October 19th, 01:30 PM-06:00 PM

- Organized by : Smart Manufacturing and Engineering Division of Ulsan-Gyeongnam Regional Innovation Platform, Changwon National University Advanced Defense Materials Parts Laboratory (Center), 3D Printing Research Association

Time		Content	Presenter
13:30-14:00	30'	Registration & Orientation	Host
14:00-14:05	5'	Congratulatory Address	Lee Jae-seon, Head of the Smart Manufacturing and Engineering Division
14:05-14:20	15'	Welcome Address & Introduction to the Industrial Application Sharing Research Institute	Industrial Application Sharing Research Institute Park Jong-kyu, Institute Head
14:20-14:55	35'	Defense Venture Fostering - Defense R&D Projects and Smart Manufacturing Technology	Korea Research Institute for Defense Technology Planning and Advancement (KRIIT) Park Kyung-cheol, Team Leader
14:55-15:30	35'	AM (Additive Manufacturing) of Defense Industry Parts - Development and Application Cases of 3D Printing Process in the Defense Field	Doosan Enerbility Co., Ltd. Han Jung-min, Senior Researcher
15:30-16:05	35'	Casting for Defense Industry Parts - Additive Casting Technology for Manufacturing Large Defense Industry Parts	KTC Kim Jin-ho, CEO
16:05-16:30	25'	Networking	
16:30-17:05	35'	Electronics Field - Just-in-Quantity and Timely Responsive Smart AM (Additive Manufacturing) Technology and Cases	LG Electronics Production Engineering Research Institute Park In-baek, Senior Researcher
17:05-17:40	35'	Smart Molds - Mold Development and Demonstration Cases Based on Metal 3D Printing Technology in Smart Manufacturing	PARTNERS LAB Park Ki-cheol, Team Leader
17:40-18:00	20'	Group Photo and Conclusion of Fair	
			Host