

# PRESM2024 Program\_Draft

\*This program is subject to change by the PRESM2024 Organizing Committee.

JULY	7 (Sun)	8 (Mon)	9 (Tue)	10 (Wed)	11 (Thu)	12 (Fri)
		Registration Open 8:30-17:00				
09:00		<b>M1</b> <b>Focus session A</b> High Precision Metrology and Field Robot Application (Jay I. Jeong)	<b>T1</b> <b>Focus session E</b> Advanced Manufacturing and Monitoring System (Sung-Hoon Ahn)	<b>W1</b> <b>Focus session H</b> Sustainable Future Energy for Carbon Neutralization (Young Beom Kim)	<b>H1</b> <b>Focus session K</b> Smart Technology for Machine Tools and Manufacturing System (Dong Yoon Lee & Kang Jae Lee)	<b>Technial Tour</b> at LG Electronics Changwon Factory 1 & DN Solutions  *Only registrants can apply from May 21~
10:00		<b>Coffee Break</b>				
		<b>Opening</b>				
11:00		<b>M2</b> <b>Focus session B</b> Advanced Instrumentation and Virtualization for Smart Manufacturing (Sang Won Lee)	<b>Coffee Break</b>	<b>Coffee Break</b>	<b>Coffee Break</b>	
			<b>Plenary Session I</b> <b>*Prof. Christian Brecher</b> Internet of Sustainable Production	<b>Plenary Session II</b> <b>*Prof. Friedrich Prinz</b> Efficient Energy Conversion and Storage, Key Ingredients for a Sustainable Future	<b>Plenary Session III</b> <b>*Prof. Beomjoon Kim</b> Where is MAP in medicals	
12:00			<b>Break</b>	<b>Break</b>	<b>Break</b>	
		<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	
13:00		<b>M3</b> <b>Focus session C</b> Intelligent Materials and Design (Hyung Wook Park)	<b>T2</b> <b>Focus session F</b> Lab on a Chip and Precision Engineering for Bio Health (Yun Jung Heo)	<b>W2</b> <b>Focus session I</b> Micro/Nano Manufacturing Technology (Jeongdai Jo)	<b>H2</b> <b>Focus session L</b> Manufacturing Research in U.S.A. (Patrick Kwon)	
14:00	PRESM2023 Committee Meeting	<b>Coffee Break</b>	<b>Coffee Break</b>	<b>Coffee Break</b>		
15:00		<b>M4</b> <b>Focus session D</b> Precision Measurement for Precision Engineering (Jonghan Jin)	<b>T3</b> <b>Focus session G</b> Biofabrication and Additive Manufacturing for Future Health (Dong Sung Kim)	<b>T3</b> <b>Focus session J</b> Advanced Materials and Processes for Additive Manufacturing (Sang-hu Park))		
16:00		<b>Break</b>	<b>Break</b>	<b>Break</b>	<b>Coffee Break &amp; Ready for Banquet</b>	
17:00		<b>Poster Session (1) Q&amp;A [Regular]</b> 3. Automation, Measurement & Control 4. Materials & Design	<b>Poster Session (2) Q&amp;A [Regular]</b> 1. Manufacturing Processes (1) 6. Bio & Health 7. New and Renewable Energy 8. Sustainable Technology <b>[Special]</b> 1. Railway Engineering 3. Innovative Design and Integrated Manufacturing session	<b>Poster Session (3) Q&amp;A [Regular]</b> 1. Manufacturing Processes (2) 2. Machine Tools & Systems 5. Micro/Nano Technology <b>[Special]</b> 2. Multidisciplinary Research & Mechatronics for Aero/Defense Applications		
18:00					<b>Banquet</b>  PRESM2024 Awards & Farewell	
19:00						

\*Individual timetables will be announced in early June.