



WORLD MANUFACTURING FORUM
WMF
13-14 NOVEMBER 2025

**KEY ENABLING TECHNOLOGIES
FOR THE FUTURE OF
MANUFACTURING:**
Roadmaps & Platforms

World Manufacturing Forum Day 1: November 13th

12:30 pm – 1:45 pm

Accreditation and Welcome Lunch

Introduction and Opening Remarks

- *Diego Andreis, President, World Manufacturing Foundation & Managing Director, Fluid-o-Tech Group, Italy*
- *Attilio Fontana, President of Regione Lombardia, Italy*
- *Alessandro Fermi, Regional Minister, Research and Innovation of Regione Lombardia, Italy*
- *Giuseppe Pasini, President of Confindustria Lombardia & President of Feralpi Holding Spa, Italy*
- *Marco Taisch, Scientific Chairman, World Manufacturing Foundation & Professor of Sustainable Manufacturing, Politecnico di Milano, Italy*

2:00 pm – 2:20 pm

Special Address by the WEF: “Global Lighthouses: Driving Impact and Scale in Digital Transformation”

Xiaoming Zhong, Initiatives and Communities Lead, Centre for Advanced Manufacturing and Supply Chains, World Economic Forum, Switzerland

2:20 pm – 2:30 pm

Presentation of the 2025 WMF Report: “Key Enabling Technologies for the Future of Manufacturing: Roadmaps & Platforms”

David Romero, Scientific Vice-chairman, World Manufacturing Foundation & Professor of Advanced Manufacturing, Tecnológico de Monterrey, Mexico

2:30 pm – 2:50 pm

Keynote: “Factories of the Future: Challenges Ahead and Pathways to Future Opportunities”

Olaf Pannenbäcker, Chairman, European Factories of the Future Research Association, Europe & Senior Vice President Manufacturing in Voith Group, Germany

2:50 pm – 3:10 pm

Panel I: “Roadmapping Sustainability and Circularity Interconnected Pathways to Achieve Net-Zero Industries”

- *Eline Boon, Senior Policy Manager, Shifting Policies for Systemic Change, Ellen MacArthur Foundation, UK*
- *Björn Johansson, Programme Officer, Net Zero Industry Programme, Vinnova, Sweden & Professor of Sustainable Production, Chalmers University of Technology, Sweden*
- *José Ignacio Hormaeche, General Manager, Basque Energy Cluster, Spain*

3:10 pm – 3:55 pm

Coffee Break

3:55 pm – 4:25 pm

Panel II: “Roadmapping Twin Skills Development Strategies for the Twin Green-Digital Transition”

- *Caroline Viarouge, Chief Executive Officer, EIT Manufacturing, France*
- *Roberto Siccardi, Manager, Festo Didactic, Italy*
- *Ibrahim AlShunaifi, Lead Project, Center for the Fourth Industrial Revolution (C4IR) KSA & Associate Professor, King Abdulaziz City for Science & Technology (KACST), Saudi Arabia*

4:25 pm – 5:10 pm





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- 5:10 pm – 5:45 pm **Panel III: “Recycling Platforms for Securing Critical Raw Materials for a Sustainable and Resilient Future”**
- Sherri Monroe, Executive Director, Additive Manufacturing Green Trade Association, USA
 - Shaun West, Professor of Product-Service Systems Innovation, Luzern University of Applied Science and Art, Switzerland
 - Giorgia Carissimi, Innovation & Sustainability Manager, Albin Group, Italy
- 5:45 pm – 6:30 pm **Panel IV: “Combining Additive, Subtractive, and Hybrid Manufacturing Platforms for Value-Added and Resource-Efficiency”**
- Stefania Ferrero, Chief Marketing & Solutions Portfolio Officer, Comau, Italy
 - José Luis Sánchez, General Manager, Meltio 3D, Spain
 - Claudio Merlo, Managing Director, DMG Mori Tortona Office, Italy

Day 2: November 14th

- 8:30 am – 9:00 am **Accreditation and Welcome Coffee**
- 9:00 am – 9:10 am **Special Address by Lombardia Ministry for Economic Development**
Guido Guidesi, Regional Minister for Economic Development, Lombardia Region, Italy
- 9:10 am – 9:30 am **Reflections of Day 1 of the 2025 World Manufacturing Forum**
Andrea Cabrini, Managing Editor, Class CNBC, Italy
- 9:30 am – 9:50 am **Keynote: 2025 SPRI & WMF Special Report on “Supporting Manufacturing Industries to Measure Gender Equality As a Way to Improve Competitiveness”**
Cristina Oyón, Director of Technology, Innovation and Sustainability, SPRI, Spain
- 9:50 am – 10:00 am **Special Address by UNIDO: “Unlocking the Potential of Industry 4.0 & Smart Manufacturing in Africa”**
Rafik Feki, UNIDO Representative & President, Alliance for Industry 4.0 and Smart Manufacturing in Africa (AISMA), Senegal
- 10:00 am – 10:45 am **Panel V: “Agent-based Industrial AI Platforms for the Next Frontier of Smart Manufacturing Systems”**
- Noriko Suzuki, Global Research Leader, Energy, Automotive and Electronics, IBM Institute for Business Value, Japan
 - Douglas Woods, President, AMT – The Association For Manufacturing Technology, USA
 - Evgeny Kharlamov, Senior AI Expert, Bosch Center for Artificial Intelligence, Germany
- 10:45 am – 11:30 am **Panel VI: “Multi-Robotic Platforms for Empowering People and Boosting Productivity”**
- Andrea Cassoni, Global Head of Collaborative Robotics, ABB, Italy
 - Bob Struijk, Vice President & Director, FANUC Europe Corporation, Spain
 - Yuki Long, Founder, Aimbo Robotics from Sino Swiss Hub AG
- 11:30 am – 12:00 pm **Coffee Break**





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Panel VII: "Extended Reality (XR) Platforms & Industrial Metaverses for Enhanced Industrial Operations"

12:00 pm – 12:45 pm

- Dominik Rohrmus, Chief Expert Software, Siemens, Germany & Chief Technology Officer, Labs Network Industrie 4.0, German
- Andrea Cagnin, Business Development Manager, PTC, Italy
- Takeshi Kurata, Director-General, AIST Kashiwa, National Institute of Advanced Industrial Science and Technology (AIST) & Director, Research Institute on Human and Societal Augmentation, AIST, Japan

Closing Remarks

12:45 pm – 1:00 pm

- Diego Andreis, President, World Manufacturing Foundation & Managing Director, Fluid-o-Tech Group, Italy
- Marco Taisch, Scientific Chairman, World Manufacturing Foundation & Professor of Sustainable Manufacturing, Politecnico di Milano, Italy
- David Romero, Scientific Vice-chairman, World Manufacturing Foundation & Professor of Advanced Manufacturing, Tecnológico de Monterrey, Mexico

1:00 pm – 2:00 pm

Light Lunch

Moderator: Andrea Cabrini, Managing Editor, Class CNBC, Italy

Young Manufacturing Leader Summit

2:30 pm – 6:00 pm

<https://youngmanufacturingleaders.org/yml-summit-programme-2025/>

