



WORLD MANUFACTURING FORUM
WMF
13-14 NOVEMBER 2025

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

Day 1: November 13th

12:30 pm – 1:45 pm	Accreditation and Welcome Lunch
	Introduction and Opening Remarks
2:00 pm – 2:20 pm	• <i>Diego Andreis, President, World Manufacturing Foundation & Managing Director, Fluid-o-Tech Group, Italy</i> • <i>Marco Taisch, Scientific Chairman, World Manufacturing Foundation & Professor of Sustainable Manufacturing, Politecnico di Milano, Italy</i>
2:20 pm – 2:30 pm	Special Address by the WEF: “Global Lighthouses: Driving Impact and Scale in Digital Transformation” <i>Xiaoming Zhong, Initiatives and Communities Specialist, Advanced Manufacturing and Supply Chains, World Economic Forum, Switzerland</i>
2:30 pm – 2:50 pm	Presentation of the 2025 WMF Report: “Key Enabling Technologies for the Future of Manufacturing: Roadmaps & Platforms” <i>David Romero, Scientific Vice-chairman, World Manufacturing Foundation & Professor of Advanced Manufacturing, Tecnológico de Monterrey, Mexico</i>
2:50 pm – 3:10 pm	Keynote: “Factories of the Future: Challenges Ahead and Pathways to Future Opportunities” <i>Olaf Pannenbäcker, Chairman, European Factories of the Future Research Association, Europe & Senior Vice President Manufacturing in Voith Group, Germany</i>
3:10 pm – 3:55 pm	Panel I: “Roadmapping Sustainability and Circularity Interconnected Pathways to Achieve Net-Zero Industries” • <i>Eline Boon, Senior Policy Manager, Shifting Policies for Systemic Change, Ellen MacArthur Foundation, UK</i> • <i>Björn Johansson, Programme Officer, Net Zero Industry Programme, Vinnova, Sweden & Professor of Sustainable Production, Chalmers University of Technology, Sweden</i> • <i>José Ignacio Hormaeche, General Manager, Basque Energy Cluster, Spain</i>
3:55 pm – 4:25 pm	Coffee Break
4:25 pm – 5:10 pm	Panel II: “Roadmapping Twin Skills Development Strategies for the Twin Green-Digital Transition” • <i>Caroline Viarouge, Chief Executive Officer, EIT Manufacturing, France</i> • <i>Roberto Siccardi, Manager, Festo Didactic, Italy</i> • <i>Ibrahim AlShunaifi, Lead Project, Center for the Fourth Industrial Revolution (C4IR) KSA & Associate Professor, King Abdulaziz City for Science & Technology (KACST), Saudi Arabia</i>



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Panel III: "Recycling Platforms for Securing Critical Raw Materials for a Sustainable and Resilient Future"

5:10 pm – 5:45 pm

- 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

Panel IV: "Combining Additive, Subtractive, and Hybrid Manufacturing Platforms for Value-Added and Resource-Efficiency"

5:45 pm – 6:30 pm

- Stefania Ferrero, Chief Marketing & Solutions Portfolio, Comau, Italy
- José Luis Sánchez, General Manager, Meltio 3D, Spain
- Claudio Merlo, Managing Director, DMG Mori Tortona Office, Italy

Day 2: November 14th

9:00 am – 9:30 am

Accreditation and Welcome Coffee

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 Robots Distribution & Ecosystem (CDE), ABB, Italy
- David Reger, CEO & Founder, Neura Robotics, Germany
- Bob Struijk, Vice President & Director, FANUC Europe Corporation, Spain

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, Germany*
- *Olof Nyqvist, Head of Solutions Consulting, Nordics at PTC, Sweden*

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*

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