



UNIVERSITÀ
DEGLI STUDI
DI BERGAMO

APMS 2026

IFIP International Conference

ADVANCES IN PRODUCTION MANAGEMENT SYSTEMS

Sun. September 13, 2026 – Thu. September 17, 2026
Bergamo, Italy

Shaping the Future of Industry through Sustainable,
Data-Driven, and Human-Centric Production Systems

OVERVIEW PROGRAMME

9:00 am – 3:00 pm

Doctoral workshop

4:00 pm – 6:30 pm

WG5.7 Meeting

Keynote Speech | Bridging Research, Industry and Policy: the evolving role of
Universities in Manufacturing – Marco Taisch

6:30 pm

Welcome reception

8:00 am – 8:30 am	Registration						
8:30 am – 9:10 am	Opening ceremony Location: Aula Magna						
9:10 am – 9:50 am	Keynote speech Implementing Sales & Operations Planning in the Automotive Industry – Data-driven Planning Processes for Increased Operational Resilience – Gregor von Cieminski Location: Aula Magna						
9:50 am – 10:20 am	Coffee break						
10:20 am – 11:40 am	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications Location: Room Fornasa	Digital Transformation Approaches in Production and Management Location: Room 2	Artificial Intelligence Adoption in Higher Education: Challenges, Opportunities, and Responsible Integration Location: Room 4	HumanCentric and Data-Driven AI: Redefining Operations and Supply Chains Location: Room 6	Industrialisation of Digital Twins: Adoption, Governance, and Value Realisation Location: Room 7	Interactive and Explainable AI for Production Planning and Scheduling Location: Room 8	Advancing Practices for Ecoefficient and Circular Industrial Systems Location: Room Castoldi
11:40 am – 11:50 am	Short break						
11:50 am – 1:10 pm	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications Location: Room Fornasa	Digital Transformation Approaches in Production and Management Location: Room 2	Artificial Intelligence Adoption in Higher Education: Challenges, Opportunities, and Responsible Integration Location: Room 4	HumanCentric and Data-Driven AI: Redefining Operations and Supply Chains Location: Room 6	Industrialisation of Digital Twins: Adoption, Governance, and Value Realisation Location: Room 7	Interactive and Explainable AI for Production Planning and Scheduling Location: Room 8	Advancing Practices for Ecoefficient and Circular Industrial Systems Location: Room Castoldi
1:10 pm – 2:30 pm	Lunch						
2:30 pm – 3:10 pm	Keynote speech Toward Absolute Sustainability in Production Systems – Daniela Pigosso Location: Aula Magna						
3:10 pm – 4:30 pm	Enhancing sustainable resilience in food manufacturing value chains through datadriven strategies, systems thinking, and transition approaches Location: Room Fornasa	Digital Transformation Approaches in Production and Management Location: Room 2	Workshop ESG Paradox Serious Game Location: Room 4	HumanCentric and Data-Driven AI: Redefining Operations and Supply Chains Location: Room 6	Industrialisation of Digital Twins: Adoption, Governance, and Value Realisation Location: Room 7	Designing, Engineering, and Managing Truly HumanCentred Industrial Systems for the Operator 4.0/5.0 Location: Room 8	Advancing Practices for Ecoefficient and Circular Industrial Systems Location: Room Castoldi

8:00 am – 8:30 am	Registration							
8:30 am – 9:10 am	Keynote speech When Industry Adapts to Humans: The Future of Inclusive Manufacturing – Daria Battini Location: Aula Magna							
9:10 am – 10:30 am		Enhancing Value Chain Resilience through Digital Technologies Location: Room Fornasa	Human-Centric Production and Logistics Systems in the Industry 5.0 Era: Socio-Technical Design and Intelligent Operations Location: Room 2	Workshop Applications of Artificial Intelligence in Supply Chain Management – From Opportunities to Realization – Part 1 Location: Room 4	AI-Driven Production Planning and Manufacturing System Design Location: Room 6	Industrial Multi-Modal AI for Data-Driven operational Intelligence Location: Room 7	The Digital Product Passport: Filling the gap for enhancing Transparency and Sustainability Across the Product Lifecycle Location: Room 8	Advancing Practices for Eco-efficient and Circular Industrial Systems Location: Room Castoldi
10:30 am – 11:00 am	Coffee break							
11:00 am – 12:20 pm	APMS Talks Location: Aula Magna	Enhancing Value Chain Resilience through Digital Technologies Location: Room Fornasa	Human-Centric Production and Logistics Systems in the Industry 5.0 Era: Socio-Technical Design and Intelligent Operations Location: Room 2	Workshop Applications of Artificial Intelligence in Supply Chain Management – From Opportunities to Realization – Part 2 Location: Room 4	Digital Transformation, Innovation and Supply Chain Management Location: Room 6	Industrial Multi-Modal AI for Data-Driven operational Intelligence Location: Room 7	Interactive and Explainable AI for Production Planning and Scheduling Location: Room 8	Advancing Practices for Eco-efficient and Circular Industrial Systems Location: Room Castoldi
12:20 pm – 2:00 pm	Lunch							
2:00 pm – 2:40 pm	Keynote speech Leveraging AI to Accelerate Servitization – Alessandra Benedetti Location: Aula Magna							
2:40pm – 2:50pm	Short break							
2:50 pm – 4:20 pm	APMS Talks Location: Aula Magna	Sustainable Battery Value Chains: Production, Digitalization and Circular Integration Location: Room Fornasa	Human-Centric Production and Logistics Systems in the Industry 5.0 Era: Socio-Technical Design and Intelligent Operations Location: Room 2	Workshop ASAP "Total Value of Ownership: Understanding Value and Risk in ProductService Solutions" – Part 1 Location: Room 4	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications Location: Room 6	Advancing Human-Centric Digital Lean Manufacturing Systems: Lean 5.0 Pathways Location: Room 7	Transforming engineer-to-order projects, supply chains, and systems Location: Room 8	Designing, Engineering, and Managing Truly Human-Centred Industrial Systems for the Operator 4.0/5.0 Location: Room Castoldi
4:20 pm – 4:40 pm	Coffee break							
4:40 pm – 6:00 pm	Meet the editors Location: Aula Magna	Sustainable Battery Value Chains: Production, Digitalization and Circular Integration Location: Room Fornasa	New Forms of Human-Technology Interaction in Production and Logistics Systems for the Operator 4.0/5.0 Location: Room 2	Workshop ASAP "Total Value of Ownership: Understanding Value and Risk in ProductService Solutions" – Part 2 Location: Room 4	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications Location: Room 6	Novel Solutions for Lean-Green Production Systems Location: Room 7	Transforming engineer-to-order projects, supply chains, and systems Location: Room 8	Designing, Engineering, and Managing Truly Human-Centred Industrial Systems for the Operator 4.0/5.0 Location: Room Castoldi
7:00 pm	Gala dinner – Ristorante “Il Pianone”							

8:00 am – 8:30 am	Registration						
8:30am – 9:50am	Servitization for Sustainable Manufacturing: Enablers, Constraints, Assessment Tools, and Business Model Configurations for Digitalized Systems Location: Room Fornasa	AI, Institutions, and Organizational Transformation in Production Systems: Toward Human-Centric Industry 5.0 Location: Room 2	Workshop Designing and Validating Human-Centred Industrial Experiments Location: Room 4	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications Location: Room 6	EnergyEfficient and Intelligent Manufacturing Systems Location: Room 7	Human-centric lifecycle management of products and assets Location: Room 8	Smart Manufacturing for Circularity and Resilience: Models, Methods, and Industrial Evidence Location: Room Castoldi
9:50 am – 10:20 am	Coffee break						
10:20 am – 11:40 am	Servitization for Sustainable Manufacturing: Enablers, Constraints, Assessment Tools, and Business Model Configurations for Digitalized Systems Location: Room Fornasa	AI, Institutions, and Organizational Transformation in Production Systems: Toward Human-Centric Industry 5.0 Location: Room 2	Workshop APMS Industrial Engagement Location: Room 4	Agentic AI in Operations and Supply Chain Networks: From Tools to Orchestrators Location: Room 6	Jobs, Skills and Workforce Development for Sustainable, Resilient, and Human-Centric Industrial Systems Location: Room 7	Human-centric lifecycle management of products and assets Location: Room 8	Smart Manufacturing for Circularity and Resilience: Models, Methods, and Industrial Evidence Location: Room Castoldi
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1:10 pm – 2:10 pm	Lunch						
2:10 pm – 3:30 pm	Smart Manufacturing Ontologies & Data Interoperability Location: Room Fornasa	Cyber-Physical System-Based Approaches to Achieve Sustainability Location: Room 2	Decision Support and Resilient Supply Networks Location: Room 4		Bridging the Implementation Gap of Management Frameworks: From Theory to Industrial Practice Location: Room 7	Human-centric lifecycle management of products and assets Location: Room 8	Optimization Methods for Logistics and Transportation Systems Location: Room Castoldi
3:30 pm – 4:30 pm	Closing ceremony Location: Aula Magna						