

Conference Agenda

APMS 2026 Conference

Date: Sunday, 13/Sept/2026

9:00am	Doctoral workshop
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3:00pm	
4:00pm	WG5.7 Meeting
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6:30pm	
6:30pm	Welcome reception

Date: Monday, 14/Sept/2026

8:00am - 8:30am	Registration						
8:30am - 9:10am	Opening ceremony Location: Aula Magna						
9:10am - 9:50am	Gregor von Cieminski - Implementing Sales & Operations Planning in the Automotive Industry – Data-driven Planning Processes for Increased Operational Resilience Location: Aula Magna						
9:50am - 10:20am	Coffee break 1.1						
10:20am - 11:40am	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications Location: Room Fornasa Chair: JOAO GILBERTO MENDES DOS REIS Chair: Alexandra Lagorio	Digital Transformation Approaches in Production and Management Location: Room 2 Chair: Vlad Bocanet Chair: Ioan Turcin	Artificial Intelligence Adoption in Higher Education: Challenges, Opportunities, and Responsible Integration Location: Room 4 Chair: Antonio Maffei Chair: Jannicke Baalsrud-Hauge	Human-Centric and Data-Driven AI: Redefining Operations and Supply Chains Location: Room 6 Chair: Filippo De Carlo Chair: Annalisa Santolamazza	Industrialisation of Digital Twins: Adoption, Governance, and Value Realisation Location: Room 7 Chair: Néstor Fabián Ayala Chair: Christian Kober	Interactive and Explainable AI for Production Planning and Scheduling Location: Room 8 Chair: Jong Hun Woo Chair: Andrea Ferrari	Advancing Practices for Eco-efficient and Circular Industrial Systems Location: Room Castoldi Chair: Mélanie Despeisse Chair: Yannick Taschbach
11:40am - 11:50am	Short break						
11:50am - 1:10pm	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications Location: Room Fornasa Chair: Alexandra Lagorio Chair: Eduardo e Oliveira	Digital Transformation Approaches in Production and Management Location: Room 2 Chair: Ugljesa Marjanovic Chair: Johannes Jordan	Artificial Intelligence Adoption in Higher Education: Challenges, Opportunities, and Responsible Integration Location: Room 4 Chair: Roberto Sala; roberto.sala@unibg.it Chair: Antonio Maffei; maffei@kth.se	Human-Centric and Data-Driven AI: Redefining Operations and Supply Chains Location: Room 6 Chair: Francesco Mancusi Chair: Leonardo Leoni	Industrialisation of Digital Twins: Adoption, Governance, and Value Realisation Location: Room 7 Chair: Christian Kober Chair: Hermann Lödding	Interactive and Explainable AI for Production Planning and Scheduling Location: Room 8 Chair: Yongkuk Jeong Chair: ANDREAS KTENIDIS	Advancing Practices for Eco-efficient and Circular Industrial Systems Location: Room Castoldi Chair: Beatrice Colombo Chair: Carin Rösö
1:10pm - 2:30pm	Lunch						
2:30pm - 3:10pm	Daniela Pigosso - Toward Absolute Sustainability in Production Systems Location: Aula Magna						
3:10pm - 4:30pm	Enhancing sustainable resilience in food manufacturing value chains through data-driven strategies, systems thinking, and transition approaches Location: Room Fornasa Chair: Melissa Marques-McEwan Chair: Shujaat Mubarik	Digital Transformation Approaches in Production and Management Location: Room 2 Chair: Selver Softic Chair: Mircea Muntean	Workshop ESG Paradox Serious Game Location: Room 4	Human-Centric and Data-Driven AI: Redefining Operations and Supply Chains Location: Room 6 Chair: Simone Arena Chair: Alessandra Cantini	Industrialisation of Digital Twins: Adoption, Governance, and Value Realisation Location: Room 7 Chair: Edoardo Palmitessa Chair: Adalberto Polenghi	Designing, Engineering, and Managing Truly Human-Centred Industrial Systems for the Operator 4.0/5.0 Location: Room 8 Chair: Tamas Ruppert Chair: Francesco Pilati	Advancing Practices for Eco-efficient and Circular Industrial Systems Location: Room Castoldi Chair: Malin Löfving Chair: Alessia Napoleone

Date: Tuesday, 15/Sept/2026

8:00am	Registration							
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8:30am								
8:30am	Daria Battini - When Industry Adapts to Humans: The Future of Inclusive Manufacturing							
-	Location: Aula Magna							
9:10am								
9:10am	Enhancing Value Chain Resilience through Digital Technologies	Human-Centric Production and Logistics Systems in the Industry 5.0 Era: Socio-Technical Design and Intelligent Operations	Workshop Applications of Artificial Intelligence in Supply Chain Management – From Opportunities to Realization - Part 1	AI-Driven Production Planning and Manufacturing System Design	Industrial Multi-Modal AI for Data-Driven operational Intelligence	The Digital Product Passport: Filling the gap for enhancing Transparency and Sustainability Across the Product Lifecycle	Advancing Practices for Eco-efficient and Circular Industrial Systems	
-	Location: Room Fornasa	Location: Room 2	Location: Room 4	Location: Room 6	Location: Room 7	Location: Room 8	Location: Room Castoldi	
10:30am	Chair: Margherita Pero	Chair: Eleonora Bottani	Chair: Casper Schou	Chair: Julian Petersen	Chair: Ana Nikolov	Chair: Fabiana Pirola	Chair: Anita Romsdal	
	Chair: Tobias Franz	Chair: Sara Perotti			Chair: Enzo Morosini Frazzon	Chair: Dogan Efe	Chair: Yinef Pardillo Baez	
10:30am	Coffee break 2.1							
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11:00am								
11:00am	APMS Talks	Enhancing Value Chain Resilience through Digital Technologies	Human-Centric Production and Logistics Systems in the Industry 5.0 Era: Socio-Technical Design and Intelligent Operations	Workshop Applications of Artificial Intelligence in Supply Chain Management – From Opportunities to Realization - Part 2	Digital Transformation, Innovation and Supply Chain Management	Industrial Multi-Modal AI for Data-Driven operational Intelligence	Interactive and Explainable AI for Production Planning and Scheduling	Advancing Practices for Eco-efficient and Circular Industrial Systems
-	Location: Aula Magna	Location: Room Fornasa	Location: Room 2	Location: Room 4	Location: Room 6	Location: Room 7	Location: Room 8	Location: Room Castoldi
12:20pm	Chair: Hermann Lödding	Chair: Catherine da Cunha	Chair: Antonella Meneghetti	Chair: Giovanni Zenezini	Chair: Djerdj Horvat	Chair: Thor Wuest	Chair: Yongkuk Jeong	Chair: Nicola Saccani
	Chair: Erlend Alfnes	Chair: Franco Chiriaco	Chair: Enzo Morosini Frazzon		Chair: Giovanni Zenezini	Chair: Boonserm Kulvatunyou	Chair: Marvin Carl May	Chair: Fabiana Tornese
12:20pm	Lunch							
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2:00pm								
2:00pm	Alessandra Benedetti - Leveraging AI to Accelerate Servitization							
-	Location: Aula Magna							
2:40pm								
2:40pm	Short break							
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2:50pm								
2:50pm	APMS Talks	Sustainable Battery Value Chains: Production, Digitalization and Circular Integration	Human-Centric Production and Logistics Systems in the Industry 5.0 Era: Socio-Technical Design and Intelligent Operations	Workshop ASAP "Total Value of Ownership: Understanding Value and Risk in Product-Service Solutions" - Part 1	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications	Advancing Human-Centric Digital Lean Manufacturing Systems: Lean 5.0 Pathways	Transforming engineer-to-order projects, supply chains, and systems	Designing, Engineering, and Managing Truly Human-Centred Industrial Systems for the Operator 4.0/5.0
-	Location: Aula Magna	Location: Room Fornasa	Location: Room 2	Location: Room 4	Location: Room 6	Location: Room 7	Location: Room 8	Location: Room Castoldi
4:20pm	Chair: Hermann Lödding	Chair: Koteswar Chirumalla	Chair: Anna Corinna Cagliano	Chair: Hajime Mizuyama	Chair: Eduardo e Oliveira	Chair: Anne Zouggar	Chair: Jan Ola Strandhagen	Chair: David Romero
		Chair: Martin Kurdve			Chair: Romeo Bandinelli	Chair: Joakim Wikner	Chair: Sri Kolla	

4:20pm - 4:40pm	Coffee break 2.2		Chair: Thor Wuest						
4:40pm - 6:00pm	Meet the editors Location: Aula Magna	Sustainable Battery Value Chains: Production, Digitalization and Circular Integration Location: Room Fornasa Chair: Mélanie Despeisse Chair: Anas Fattouh	New Forms of Human-Technology Interaction in Production and Logistics Systems for the Operator 4.0/5.0 Location: Room 2 Chair: David Romero Chair: Doris Aschenbrenner	Workshop ASAP "Total Value of Ownership: Understanding Value and Risk in Product-Service Solutions" - Part 2 Location: Room 4	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications Location: Room 6 Chair: Maria Pereira Chair: Hajime Mizuyama	Novel Solutions for Lean-Green Production Systems Location: Room 7 Chair: Federica Costa Chair: Anne Zouggar	Transforming engineer-to-order projects, supply chains, and systems Location: Room 8 Chair: Martin Rudberg Chair: Erlend Alfnes	Designing, Engineering, and Managing Truly Human-Centred Industrial Systems for the Operator 4.0/5.0 Location: Room Castoldi Chair: Chiara Cimini Chair: Andrea Cristina Elias Ribeiro	
7:00pm	Gala dinner								

Date: Wednesday, 16/Sept/2026

8:00am - 8:30am	Registration						
8:30am - 9:50am	Servitization for Sustainable Manufacturing: Enablers, Constraints, Assessment Tools, and Business Model Configurations for Digitalized Systems Location: Room Fornasa Chair: Claudio Sassanelli Chair: Shaun West	AI, Institutions, and Organizational Transformation in Production Systems: Toward Human-Centric Industry 5.0 Location: Room 2 Chair: Prince Chacko Johnson Chair: Jannicke Baalsrud-Hauge	Workshop SIG Human-Centred Systems Location: Room 4	Smart and Sustainable Supply Chain: Technology, Operations, Logistics, and Governance Implications Location: Room 6 Chair: Hajime Mizuyama Chair: Maria Pereira	Energy-Efficient and Intelligent Manufacturing Systems Location: Room 7 Chair: Guillaume Cauchon Chair: Alessia Napoleone	Human-centric lifecycle management of products and assets Location: Room 8 Chair: Christos Emmanouilidis Chair: Vittaldas Prabhu	Smart Manufacturing for Circularity and Resilience: Models, Methods, and Industrial Evidence Location: Room Castoldi Chair: Matthias Kalverkamp Chair: Violetta Giada Cannas
9:50am - 10:20am	Coffee break 3.1						
10:20am - 11:40am	Servitization for Sustainable Manufacturing: Enablers, Constraints, Assessment Tools, and Business Model Configurations for Digitalized Systems Location: Room Fornasa Chair: Veronica Arioli Chair: Claudio Sassanelli	AI, Institutions, and Organizational Transformation in Production Systems: Toward Human-Centric Industry 5.0 Location: Room 2 Chair: Prince Chacko Johnson Chair: Julianne Balder	Workshop APMS Industrial Engagement Location: Room 4	Agentic AI in Operations and Supply Chain Networks: From Tools to Orchestrators Location: Room 6 Chair: Erlend Alfnes Chair: Giovanni Zenezini	Jobs, Skills and Workforce Development for Sustainable, Resilient, and Human-Centric Industrial Systems Location: Room 7 Chair: Krzysztof Ejsmont Chair: Bartłomiej Gladysz	Human-centric lifecycle management of products and assets Location: Room 8 Chair: Jon Bokrantz Chair: Giacomo Barbieri	Smart Manufacturing for Circularity and Resilience: Models, Methods, and Industrial Evidence Location: Room Castoldi Chair: Stefan Alexander Wiesner Chair: Thor Wuest
11:40am - 11:50am	Short break						
11:50am - 1:10pm	Servitization for Sustainable Manufacturing: Enablers, Constraints, Assessment Tools, and Business Model Configurations for Digitalized Systems Location: Room Fornasa Chair: Ugljesa Marjanovic Chair: Federico Adrodegari	AI, Institutions, and Organizational Transformation in Production Systems: Toward Human-Centric Industry 5.0 Location: Room 2 Chair: Doris Aschenbrenner Chair: Krzysztof Ejsmont	Emotional monitoring in operations and logistics to enhance workers' well-being Location: Room 4 Chair: Elena Carlotta Olivetti Chair: Andrea Ferrari	Agentic AI in Operations and Supply Chain Networks: From Tools to Orchestrators Location: Room 6 Chair: Romeo Bandinelli Chair: Roberto Pinto	Jobs, Skills and Workforce Development for Sustainable, Resilient, and Human-Centric Industrial Systems Location: Room 7 Chair: Marta Pinzone Chair: Chiara Cimini	AI and Computer Vision for Smart Manufacturing and Quality Engineering Location: Room 8 Chair: Jürgen Lenz Chair: Gerald Kremer	Sustainable Manufacturing and Circular Production Systems Location: Room Castoldi Chair: Tomiya Kimura Chair: Jonah Schulz
1:10pm - 2:10pm	Lunch						
2:10pm - 3:30pm	Smart Manufacturing Ontologies & Data Interoperability Location: Room Fornasa Chair: Selver Softic Chair: Boonserm Kulvatunyou	Cyber-Physical System-Based Approaches to Achieve Sustainability Location: Room 2 Chair: Catherine da Cunha Chair: Shiva Abdoli	Decision Support and Resilient Supply Networks Location: Room 4 Chair: Matthias Kalverkamp Chair: Yongkuk Jeong	Bridging the Implementation Gap of Management Frameworks: From Theory to Industrial Practice Location: Room 7 Chair: Giovanni Romagnoli	Human-centric lifecycle management of products and assets Location: Room 8 Chair: Adalberto Polenghi Chair: Adolfo Crespo Marquez	Optimization Methods for Logistics and Transportation Systems Location: Room Castoldi Chair: Hermann Lödding Chair: Roberto Pinto	

3:30pm
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4:30pm

Closing ceremony
Location: **Aula Magna**

Chair: **Melissa
Marques-McEwan**