

**Special Session on:**

**DIGITALIZED SERVICITIZATION FOR COMPREHENSIVE DIGITAL TWINS IN VALUE CHAINS**

Dear esteemed colleagues,

We cordially invite you to join us for a special session on "**Digitalized Servitization for Comprehensive Digital Twins in Value Chains**" at the upcoming 11th IFAC Conference on Manufacturing Modelling, Management and Control. This session will explore the cutting-edge intersection of digitalization, servitization, and digital twins, providing a unique opportunity to delve into the latest trends and future directions in this rapidly evolving field. Additionally, this session will explore the transformative potential of digital twins in revolutionizing supply chain management and operations.

As businesses increasingly seek to enhance efficiency, agility, and sustainability, digital twins have emerged as a powerful tool for modeling and optimizing complex systems. By creating a virtual replica of a physical asset or process, digital twins enable organizations to gain unprecedented insights into their operations, identify potential bottlenecks, and make data-driven decisions. In this session, we will delve into the role of digitalized servitization in developing comprehensive digital twins that span entire value chains, from raw material sourcing to end-product delivery.

We encourage senior and junior researchers, PhD students, and industry professionals from diverse backgrounds to participate. Together, we will explore the latest trends and future directions in digital twin development, including advancements in artificial intelligence, machine learning, and data analytics. We will also discuss the opportunities and challenges associated with implementing digital twins in real-world supply chain environments.

Join us as we envision the future of supply chain management and explore how digitalized servitization can unlock new possibilities for innovation and growth.

Sincerely,

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