Session (20')

Chairs: Mélanie Despeisse & Federica Acerbi

15:00 - 15:20

287 - Economy and Its Symbiosis with Circularity
Vidosav Majstorovic & Åsa Fasth-Berglund

136 - Assembly Issue Resolution System using Machine Learning in Aero Engine Manufacturing
Erleif Alfnes & Martin Rudberg

295 - Principles and Research Agenda for Sustainable, Data-Driven Food Production Planning and Control
João Mendes & Irenilza de Alencar Nääs

15:20 - 15:40

243 - Knowledge and Practices towards Sustainability and Circular Economy Transitions: A Norwegian Manufacturing Perspective

175 - A Simulation Model Supporting the Production Optimization for High-Precision Machines Assembly

122 - Exploring the Path Towards Construction 4.0: Collaborative Networks & Enterprise Architecture Views

299 - Digital Technology Enablers for Resilient and Customer Driven Food Value Chains

15:40 - 16:00

244 - Cycle Time Estimation Model for Hybrid Assembly Stations based on Digital Twin Concept

119 - Using the Smartphone as an Augmented Reality Device in ETO Industry

154 - Software-based Assistance System for Decision Support on Supply Chain Level

16:00 - 16:20

303 - Changeable Closed-Loop Manufacturing Systems: A Case Study of Challenges in Product Take-Back

260 - A Stochastic Model for a Two-level Disassembly Lot-sizing Problem under Random Lead Time

188 - Planning Procurement Activities in ETO Projects

126 - Environmental Impact Classification of Perishable On-road Transport using Data Mining

16:20 - 16:40

157 - The Potential for Purchasing Function to Enhance Circular Economy Business Models for ETO Production

265 - Introduction to Material Feeding 4.0: Strategic, Tactical, and Operational Impact

208 - Maturity Model for Successful Cost Transformation in ETO Companies

142 - Cross-Functional Coordination before and after the CODP: An Empirical Study in the Machinery Industry

16:40 - 17:00

211 - Sustainability in Fabric Chains and Garments for a Circular Economy

250 - Data-driven Replenishment Method Choice in a Picking System

242 - Cross-Functional Coordination before and after the CODP: An Empirical Study in the Machinery Industry

17:00 - 17:15

Coffee Break (15') - Participants take their coffee and move to the physical (parallel) room

17:15 - 17:45

Coffee Break (15') - Participants take their coffee and move to the physical (plenary) room

17:45 - 18:00

Closing Ceremony (30')