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Nota di contenuto	Intro -- Title Page -- Preface -- Committees, Organizers and Sponsors -- Contents -- Resource-Efficient Production -- Extending the Use of Full-Scale Lean Production Simulators: Their Role as Innovation Testbeds -- Guide for Automation of Low Volume Production -- Digital Tools and Information Needs Assessment for Efficient Deviation Handling in SMEs -- Misconceptions Within the Use of Overall Equipment Effectiveness - A Theoretical Discussion on Industrial Examples -- The Evolvement of a Corporate Lean Production System - An Industrial Study -- An Exploratory Study on Integrating Sustainability Aspects During the Acquisition of Production Equipment -- How to Deal with Differing Views of Resource Efficiency when Carrying Out Digitalization Projects -- Bottom-Up Lean Practice Deployment in a Global Setting: A Case Study from the Pharmaceutical Industry -- Reduction of Product Portfolio Complexity Based on Process Analysis -- Flexible Production -- Exploring the Capabilities of Industrial Collaborative Robot Applications -- Cost-Driven Informed Decisions Using Loss Analyses from Production Monitoring -- Planning for Nation Wide Dissemination of Robotics to SMEs -- Virtual Production Development -- Using Virtual Reality and Smart Textiles to Assess the Design of Workstations -- Production Planning and Scheduling Using Machine Learning and Data Science Processes -- Increasing Eco-Efficiency Awareness for Ship Loading Process Using

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Digitalization for Smart Products and Services -- Blockchain Application in Manufacturing Industry - Bibliometric and Systemic Analysis -- Indoor Localization of Quadcopters in Industrial Environment -- Studies on Surface Roughness in Stable and Unstable End-Milling -- Developing a Framework for Scoping Digital Twins in the Process Manufacturing Industry -- Responsive and Efficient Operations and Supply Chains -- Value Chains vs. Ecosystems: Current Perspectives Among Swedish SMEs Entering the Interconnected World of IoT -- Production Logistics Visibility - Perspectives, Principles and Prospects -- Special Session 1: Development of Changeable and Reconfigurable Production -- Evaluation of Reconfigurability in Brownfield Manufacturing Development -- Reconfigurable Manufacturing: How Shop Floor Digitalisation Supports Operators in Enhancing Diagnosability -- Interconnecting Product and Manufacturing Domains: A Literature Review -- Special Session 2: Smart Production System Design and Implementation -- Collaboration of Smart Device in Cloud Manufacturing: A Case of Active Recommendation Model Based on Service Agent -- Revealing the Content of Industry 4.0: A Review of Literature -- A Flexible 4D Printing Service Platform for Smart Manufacturing -- Data-Driven Manufacturing Simulation: Towards a CPS-Based Approach -- Special Session 3: Supply Chain Relocation -- Semi-Automatic Generation of a Fuzzy Inference System in a Reshoring

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Comparative Study -- Special Session 4: Management of Manufacturing
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Maturity Framework Enabling Organizational Digital Readiness.
Special Session 5: Additive Manufacturing in the Production System --
Manufacturing of High Pressure Die Casting Die Inserts Using SLM --
Lead-Time Effect Comparison of Additive Manufacturing with
Conventional Alternatives -- Subject Index -- Author Index.
