

1. Record Nr.	UNINA9911047673603321
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Titolo	Manufacturing 2030 - A Perspective to Future Challenges in Industrial Production : Proceedings of the 4th International Symposium on Industrial Engineering and Automation ISIEA 2025 and 18th EPIEM Conference 2025, Volume 1 / / edited by Dominik T. Matt, Erwin Rauch, Patrick Dallasega, Luca Gualtieri, Matteo De Marchi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2026
ISBN	9783032036988 9783032036971
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (486 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 1604
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Disciplina	629.8
Soggetti	Automatic control Robotics Automation Manufactures Computational intelligence Control, Robotics, Automation Machines, Tools, Processes Computational Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Environmental hotspots for sustainability in additive manufacturing: insights from expert interviews -- Sustainability Based Barriers Assessment for Hydrogen Fuel in Logistics from an Industrial Perspective -- Towards changeable production logistics a framework for analyzing logistic factors and their interactions -- Capturing the Paradigms of Future Proof Production Systems Unified Modeling of Lean, Digitalization, and Sustainability -- A comprehensive survey on resilience influencing factors in manufacturing companies -- Criteria

development for hydrogen fuel cell supplier selection using the Bayesian best worst method -- Scope 3 emissions assessment in European automotive value chains -- Supply chain resistance a framework integrating resilience and robustness -- Development of a Conceptional Framework for Circular Economy Collaborations in the Manufacturing Industry -- System architecture for enhancing Resiliency in Cyber Physical Production Systems.

Sommario/riassunto

This book offers practical insights into implementing Industry 4.0 technologies and exploring the evolving paradigm of Industry 5.0. It presents real-world applications, innovative engineering solutions, and strategies for integrating digital tools into production and management practices. Based on contributions from ISIEA 2025 and EPIEM 2025, the book spans topics from supply chain optimization to advanced human-centric manufacturing and engineering design. It introduces novel perspectives on merging technical and managerial approaches and highlights the educational challenges of aligning curricula with industrial innovation. Intended for researchers, professionals, and academics, it serves as both a reference for ongoing developments and a guide for incorporating cutting-edge technologies and concepts into teaching and practice.
