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Nota di contenuto	Human-Robot Collaboration in Future Enterprises -- Enabling Proactive Industrial Cobots: An Artificial Intelligence Approach to Enhanced HRC -- Application of AI-Enhanced Processes for Industrial Stone Scanning Machines -- Methods for Measuring the Effectiveness of Human-AI Collaboration in an Organization -- Multi-Agent Systems for Hybrid Human-AI Collaboration in Industry -- An Agentic Framework for Rapid Deployment of Edge AI Solutions in Industry 5.0 -- A Human-Centric

Agent Architecture for Hybrid Industrial Collaboration in Industry 5.0 -- Generative AI as a Catalyst for Collaborative Knowledge Management: Impacts Across Individual, Intra, and Inter-Organizational levels -- Future Collaborative Workspaces in Organizations 5.0 -- Navigating the Future of AI Integration: Competency Development, Ethical Considerations, and Workforce Adaptability in „Organizations 5.0” -- A Process-Oriented Framework for Operationalising Agile Transformation -- Educational Pathways for Industry 5.0: Development and Evaluation of a Collaborative Learning Cube Defining Learning Objectives, Curriculum Structure, and Certification Processes across Different Professional Levels -- Transition towards Collaborative Organizations 5.0: Methods -- Regionally Conditioned Development Paths in Hybrid Collaborative Networks -- Comparison of Interfirm Collaboration Forms Based on Risk Assessment: Toward a Functional Economy -- Transition to Organisation 5.0 - Barriers and Enablers of AI Adoption in Accounting and Finance -- Transition towards Collaborative Organizations 5.0: Cases Studies -- Augmented Reality-based Human-AI Remote Collaboration Model for Industry 5.0 - A Case Study on the Inspection of Pressed-Metal Components -- Nursing Home 5.0: A Case Study of Collaborative Approach for Working Organization Co-design -- Democratizing Software Development: Low-Code as an Educational Pathway towards Sustainable and Collaborative Organizations -- Facilitating Agile Transformation Through Business Process Standardisation – a Case Study -- Trust and Trustworthiness in Hybrid Human-AI Collaborative Networks -- AI-driven Sliding Work Sharing for Human-Robot / Human-AI Collaboration -- Impact of Collaboration in Sustainability.

Sommario/riassunto

This two-volume set, IFIP AICT 770-771, constitutes the refereed proceedings of the 26th IFIP WG 5.5 SOCOLNET Working Conference on Virtual Enterprises on Hybrid Human-AI Collaborative Networks, PRO-VE 2025, held in Porto, Portugal, during October 27-29, 2025. The 60 full papers were carefully reviewed and selected from 126 submissions. These papers are organized around the following main topics: · Society 5.0, AI as a driver for Collaboration, Collaborative Risk and Crisis Management, AI for Logistics and Supply Chain, Technologies for Adaptable Collaborative Networks, People-Centered and AI-driven Processes, Multi-agent Systems for Hybrid Human-AI Collaboration, Collaborative Healthcare Networks, Human-Robot Collaboration, Collaborative Workspaces, Transition towards Collaborative Organizations 5.0, Trust and Trustworthiness in Hybrid Human-AI Collaboration, AI-driven Manufacture-as-a-Service, AI and Simulation-supported Decision-Making, Work Sharing in Human-AI Collaboration, Collaboration in Sustainability.