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	Soggetti	Information storage and retrieval systems Data structures (Computer science) Information theory Data mining Algorithms Electronic commerce Information technology - Management Information Storage and Retrieval Data Structures and Information Theory Data Mining and Knowledge Discovery Design and Analysis of Algorithms e-Commerce and e-Business Computer Application in Administrative Data Processing
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	Nota di contenuto	Research Track I: Foundations -- Efficient Optimal Alignment between Dynamic Condition Response Graphs and Traces -- Can I Trust My Simulation Model? Measuring the Quality of Business Process Simulation Models -- Event Abstraction for Partial Order Patterns -- Incremental Discovery of Process Models Using Trace Fragments -- Approximating Multi-Perspective Trace Alignment Using Trace Encoding -- POWL: Partially Ordered Workflow Language -- Polynomial-Time Conformance Checking for Process Trees -- Research

Track II: Engineering -- Investigating the Influence of Data-aware Process States on Activity Probabilities in Simulation Models: Does Accuracy Improve -- yLoPro: Profiling the Dynamics of Event Logs -- Does This Make Sense? Machine Learning-based Detection of Semantic Anomalies in Business Processes -- Inferring Missing Entity Identifiers from Context using Event Knowledge Graphs -- Process Channels: A New Layer for Process Enactment Based on Blockchain State Channels -- Action-Evolution Petri Nets: a Framework for Modeling and Solving Dynamic Task Assignment Problems -- Context-Based Activity Label-Splitting -- Verifying Resource Compliance Requirements From Natural Language Text Over Event Logs -- From Text to Performance Measurement: Automatically Computing Process Performance using Textual Descriptions and Event Logs -- Agent Miner: An Algorithm for Discovering Agent Systems from Event Data -- Interactive Multi-Interest Process Pattern Discovery -- Research Track III: Management -- Increasing RPA adoption: An experiment on countermeasures for status quo bias -- Stochastic-Aware Comparative Process Mining in Healthcare -- On the Cognitive Effects of Abstraction and Fragmentation in Modularized Process Models.-Not Here, But There: Human Resource Allocation Patterns -- A Novel Multi-Perspective Trace Clustering Technique for IoT-enhanced Processes: A Case Study in Smart Manufacturing -- The Impact of Process Complexity on Process Performance: A Study using Event Log Data -- Deviation from Standards and Performance in Knowledge-Intensive Processes: Evidence from the Process of Selling Customized IT Solutions -- Benevolent Business Processes - Design Guidelines Beyond Transactional Value -- PEM4PPM: A Cognitive Perspective on the Process of Process Mining.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 21st International Conference on Business Process Management, BPM 2023, which took place in Utrecht, The Netherlands, in September 2023. The 27 papers included in this book were carefully reviewed and selected from 151 submissions. They were organized in three main research tracks: Foundations, engineering, and management. . |