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Disciplina	658.0285
Soggetti	Information storage and retrieval
	Application software
	E-commerce
	Algorithms
	Computer science—Mathematics
	Data structures (Computer science)
	Information Storage and Retrieval
	Information Systems Applications (incl. Internet)
	e-Commerce/e-business
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	Discrete Mathematics in Computer Science
	Data Structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes Index.
Nota di contenuto	Tutorials -- Everything You Always Wanted To Know About Petri Nets, But Were Afraid To Ask -- Responsible Process Mining - A Data Quality Perspective -- IoT for BPMers. Challenges, case studies and successful applications -- Exploring Explorative BPM - Setting the Ground for Future Research -- Foundations -- Dynamic Reconfiguration of Business Processes -- A First-Order Logic Semantics for Communication-Parametric BPMN Collaborations -- Modeling and Enforcing Blockchain-Based Choreographies -- Formal Reasoning on

Natural Language Descriptions of Processes -- Goal-oriented Process Enhancement and Discovery -- Checking Regulatory Compliance: Will We Live to See It -- Modelling and Reasoning over Declarative Data-Aware Processes with Object-Centric Behavioral Constraints -- Formal Modeling and SMT-Based Parameterized Verification of Data-Aware BPMN -- Engineering -- Estimating Process Conformance by Trace Sampling and Result Approximation -- Trace Clustering on Very Large Event Data in Healthcare using Frequent Sequence Patterns -- ProcessExplorer: Intelligent Process Mining Guidance -- Machine Learning-Based Framework for Log-Lifting in Business Process Mining Applications -- Approximate Computation of Alignments of Business Processes through Relaxation Labelling -- Metaheuristic Optimization for Automated Business Process Discovery -- Learning Accurate LSTM Models of Business Processes -- Management -- Trust-aware Process Design -- Mining Process Mining Practices: An Exploratory Characterization of Information Needs in Process Analytics -- Towards a Process Reference Model for Research Management: An Action Design Research effort at an Australian University -- What the Hack? - Towards a Taxonomy of Hackathons -- Design Patterns for Business Process Individualization -- Understanding the Alignment of Employee Appraisals and Rewards with Business Processes -- Business Process Improvement Activities: Differences in Organizational Size, Culture, and Resources -- Regulatory Instability, Business Process Management Technology, and BPM Skill Configurations.

| Sommario/riassunto | This book constitutes the proceedings of the 17th International Conference on Business Process Management, BPM 2019, held in Vienna, Austria, in September 2019. The 23 full and 4 tutorial short papers included in this volume were carefully reviewed and selected from 115 submissions. The papers were organized in topical sections named: foundations; engineering; and management. . |