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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 |
| Lingua di pubblicazione | Inglese |
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| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Keynote -- Advancing Business Process Science via the Co-Evolution of Substantive and Methodological Knowledge -- Tutorials -- BPM in Digital Transformation: New Tools and Productivity Challenges -- Multi-Dimensional Process Analysis -- Theory and Practice - What, With What and How Is Business Process Management Taught at German Universities.-How to Leverage Process Mining in Organizations - Towards Process Mining Capabilities -- Mastering Robotic Process |

Automation with Process Mining -- Task Mining -- A Reference Data Model for Process-Related User Interaction Logs -- Analysing Variable Human Actions for Robotic Process Automation -- The SWORD is Mightier than the Interview: A Framework for Semi-automatic WORKaround Detection -- Design Methods -- Back to the Roots -- Investigating the Theoretical Foundations of Business Process Maturity Models -- Applying Process Mining in Small and Medium sized IT Enterprises -- Challenges and Guidelines -- A Process Mining Success Factors Model -- Process Mining -- No Time to Dice: Learning Execution Contexts from Event Logs for Resource-Oriented Process Mining -- A Purpose-Guided Log Generation Framework -- Conformance Checking with Uncertainty via SMT -- Process Mining Practice -- The Dark Side of Process Mining. How Identifiable Are Users Despite Technologically Anonymized Data? A Case Study From the Health Sector -- Analyzing How Process Mining Reports Answer Time Performance Questions -- Process Mining of Knowledge-Intensive Processes: An Action Design Research Study in Manufacturing -- Process Mining Practices: Evidence from Interviews -- Analytics -- Measuring Inconsistency in Declarative Process Specifications -- Understanding and Decomposing Control-Flow Loops in Business Process Models -- Reasoning on Labelled Petri Nets and their Dynamics in a Stochastic Setting -- Incentive Alignment through Secure Computations -- Business Process Simulation with Differentiated Resources: Does it Make a Difference -- Uncovering Object-centric Data in Classical Event Logs for the Automated Transformation from XES to OCEL -- Systems -- Why Companies Use RPA: A Critical Reflection of Goals -- A trustworthy decentralized change propagation mechanism for declarative choreographies -- Architecture of decentralized Process Management Systems.

Sommario/riassunto

This book constitutes the refereed proceedings of the 20th International Conference on Business Process Management, BPM 2022, which took place in Münster, Germany, in September 2022. The 22 papers included in this book were carefully reviewed and selected from 98 submissions. They were organized in topical sections as follows: task mining; design methods; process mining; process mining practice; analytics; and systems. The book also includes one keynote talk in full-paper length and 5 tutorial papers. .
