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Nota di contenuto	Process Modeling -- Shared Data Objects in Business Processes: Semantics and Implications -- Dynamic Process Synchronization using BPMN 2.0 to Support Buffering and (Un)Bundling in Manufacturing -- Feature Development in BPMN-based Process-Driven Applications -- Say It In Your Own Words: Defining Declarative Process Models Using Speech Recognition -- Process Mining -- IoT-Based Activity Recognition for Process Assistance in Human-Robot Disaster Response -- Discovering Activities from Emails Based on Pattern Discovery Approach -- Conformance checking using activity and trace embeddings -- Privacy-Preserving Data Publishing in Process Mining -- Predictions and Recommendations -- Make Your Flaw Your Strength: How to Make a Process Predictor Learn from Its Own Mistakes Using Explainability -- Bayesian Network based Predictions of Business Processes -- Predictive Process Mining meets Computer Vision -- Prescriptive Business Process Monitoring for Recommending Next Best

Actions -- BPM Adoption and Maturity -- IT Culture and BPM Adoption in Organizations -- Process mining adoption: A technology continuity versus discontinuity perspective -- Digital Transformation and Business Process Innovation: A Car Rental Company Case Study -- Holistic Guidelines for Selecting and Adapting BPM Maturity Models (BPM MMs) -- Standardization, Change and Handoffs -- A Theoretical Model for Business Process Standardization -- A causal mechanism approach to explain business process adoption and rejection phenomena -- Analyzing a Helpdesk Process through the Lens of Actor Hando Patterns.

Sommario/riassunto	This book constitutes the proceedings of the BPM Forum of the 18th International Conference on Business Process Management, BPM 2020, which was planned to take place in Seville, Spain, in September 2020. Due to the COVID-19 pandemic the conference took place virtually. The BPM Forum hosts innovative research which has a high potential of stimulating discussions. The papers selected for the forum are expected to showcase fresh ideas from exciting and emerging topics in BPM, even if they are not yet as mature as the regular papers at the conference. The 19 papers presented in this volume were carefully reviewed and selected from a total of 125 submissions to the main conference. They were organized in topical sections named: process modeling; process mining; predictions and recommendations; BPM adoption and maturity; and standardization, change, and handoffs.