1. Record Nr.            UNINA9910447240203321

   Titolo                 Business Process Management Workshops : BPM 2020 International Workshops, Seville, Spain, September 13–18, 2020, Revised Selected Papers / / edited by Adela Del Río Ortega, Henrik Leopold, Flávia Maria Santoro

   Pubbl/distr/stampa     Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020

   ISBN                   3-030-66498-8

   Edizione               [1st ed. 2020.]

   Descrizione fisica     1 online resource (XVII, 394 p. 111 illus., 72 illus. in color.)

   Collana                Lecture Notes in Business Information Processing, , 1865-1356 ; ; 397

   Disciplina             791.436553

   Soggetti               Application software
                          Business information services
                          Data mining
                          Data protection
                          Computer and Information Systems Applications
                          IT in Business
                          Data Mining and Knowledge Discovery
                          Data and Information Security

   Lingua di pubblicazione  Inglese

   Formato                Materiale a stampa

   Livello bibliografico  Monografia

   Note generali          Includes index.

   Nota di contenuto      The Third Workshop on Security and Privacy-enhanced Business Process Management (SPBP'20) -- Decentralized Data Access with IPFS and Smart Contract Permission Management for Electronic Health Records -- Data Minimisation as Privacy and Trust Instrument in Business Processes -- Verifiable Multi-Party Business Process Automation -- The Thirteenth Workshop on Social and Human Aspects of Business Process Management (BPMS2'20) -- A Classification of Digital-Oriented Work Practices -- Competency Cataloging and Localization to Support Organizational Agility in BPM -- Enterprise System Capabilities for Organizational Change in the BPM Life Cycle -- SentiProMo: A Sentiment Analysis-enabled Social Business Process Model Tool -- 4th International Workshop on Business Processes Meet the Internet-of Things (BP-Meet-IoT) -- Using Physical Factory

Simulation Models for Business Process Management Research -- Modelling Notations for IoT-Aware Business Processes: a Systematic Literature Review -- Workshop on Artificial Intelligence for Business Process Management (AI4BPM) -- XNAP: Making LSTM-based Next Activity Predictions Explainable by Using LRP -- Unsupervised Contextual State Representation for Improved Business Process Models -- Root Cause Analysis in Process Mining Using Structural Equation Models -- On the Complexity of Resource Controllability in Business Process Management -- D3BA: A Tool for Optimizing Business Processes Using NonDeterministic Planning -- Conceptualizing a Capability-Based View of Artificial Intelligence Adoption in a BPM Context -- A General Framework for Action-Oriented Process Mining -- Analyzing Comments in Ticket Resolution to Capture Underlying Process Interactions -- Automated Business Process Discovery from Unstructured Natural-Language Documents -- BPM in the era of Digital Innovation and Transformation (BPMinDIT-2020) -- Using Blockchain Technology to Redesign Know Your Customer Processes within the Banking Industry -- Increasing Control in Construction Processes: the Role of Digitalization -- 16th International Workshop on Business Process Intelligence (BPI'20) -- Prototype Selection using Clustering and Conformance Metrics for Process Discovery -- Enhancing Discovered Process Models usingBayesian Inference and MCMC -- A Generic Framework for Attribute-Driven Hierarchical Trace Clustering -- Process Outcome Prediction: CNN vs. LSTM (with Attention) -- Improving the State-Space Traversal of the eST-Miner by Exploiting Underlying Log Structures -- 8th International Workshop on DEClarative, DECision and Hybrid approaches to processes (DEC2H 2020) -- Evaluation of Heuristics for Product Data Models -- Text2Dec: Extracting Decision Dependencies from Natural Language Text for Automated DMN Decision Modelling -- Data Object Cardinalities in Flexible Business Processes.

| Sommario/riassunto | This book constitutes revised papers from the International Workshops held at the 18th International Conference on Business Process Management, BPM 2020, during September 13-18, 2020. The conference was planned to take place in Seville, Spain, but changed to an online format due to the COVID-19 pandemic. Papers from the following workshops are included: Workshop on Security and Privacy-Enhanced Business Process Management (SPBP 2020) Workshop on Social and Human Aspects of Business Process Management (BPMS2 2020) Workshop on Business Processes Meet the Internet-of Things (BP-Meet-IoT 2020) Workshop on Artificial Intelligence for Business Process Management (AI4BPM 2020) Workshop BPM in the Era of Digital Innovation and Transformation (BPMinDIT 2020) Workshop on Business Process Intelligence (BPI 2020) Workshop on Declarative, Decision and Hybrid Approaches to Processes (DEC2H 2020) Each of the seven workshops focused onparticular aspects of business process management, either from a technical or from a domain perspective. Overall, after a thorough review process there were 28 full and 1 short paper selected from 53 submissions. |