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| Descrizione fisica      | 1 online resource (457 pages)   |
| Collana                 | Lecture Notes in Business Information Processing, , 1865-1356 ; ; 436   |
| Disciplina              | 658.05  |
| Soggetti                | Information technology - Management<br>Business information services<br>Data mining<br>Data protection<br>Business Process Management<br>Business Information Systems<br>Data Mining and Knowledge Discovery<br>Data and Information Security   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di contenuto       | 5th International Workshop on Artificial Intelligence for Business Process Management (AI4BPM 2021) -- On the Use of Knowledge Graph Completion Methods for Activity Recommendation in Business Process Modeling -- Creating Unbiased Public Benchmark Datasets with Data Leakage Prevention for Predictive Process Monitoring -- Exploring Gated Graph Sequence Neural Networks for Predicting Next Process Activities -- ProGAN: Toward a Framework for Process Monitoring and Flexibility by Change via Generative Adversarial Networks -- 17th International Workshop on Business Process Intelligence (BPI 2021) -- Conformance Checking: A Systemic View -- A Distance Measure for Privacy-preserving Process Mining based on Feature Learning -- Towards Understanding the Role of the Human in Event Log Extraction -- May I Take Your Order? On the Interplay Between Time and Order in Process Mining -- Attribute-driven Case Notion Discovery for |

Unlabeled Event Logs -- Demystifying Noise and Outliers in Event logs: Review and Future Directions -- Workshop on BPM Governance for and beyond Digital Transformation (BPMGOV 2021) -- Process innovation in the EU public sector through the lens of BPM ambidexterity -- The BPM Governance supporting factors and implementation barriers – the experience of a public University -- About a Process-Technology Fit for Process Improvements in an Ambidextrous Environment -- Exploring the key factors of process improvement that drive competitive advantage: A case of Serbia -- Workshop on Business Process Management and Routine Dynamics (BPM&RD 2021) -- Expanding modeling notations: requirements for creative process modeling -- Analyzing Digital Trace Data to Promote Discovery – The Case of Heatmapping -- Predicting Process Structure after a disruption: An example from the clinical documentation process -- Capabilities for Digital Process Innovation: Results of an Ongoing Action Research Study -- Digital Twin of an Organization: Are you serious? -- 14th Workshop on Social and Human Aspects of Business Process Management (BPMS2'21) -- Pair Modeling: Does One Plus One Add Up? -- On the Systematic Analysis of Process Landscape Method Implementation using Grounded Theory -- Business Process Improvement in Industry 4.0: An Interorganizational Perspective -- The Effect of Self-Healing on Process Acceptance -- PACAs: Process-Aware Conversational Agents -- Intelligent Robots in Business Processes: A Students' Perspective -- 9th International Workshop on DEClarative, DECision and Hybrid Approaches to Processes (DEC2H 2021) -- Modeling Objectives of Knowledge Workers -- Extracting Decision Dependencies and Decision Logic from Text Using Deep Learning Techniques -- Decision Modelling in Timed Dynamic Condition Response Graphs with Data -- 5th International Workshop on Business Processes Meet Internet-of-Things (BP-Meet-IoT 2021) -- A Context and Augmented Reality BPMN and BPMS Extension for Industrial Internet of Things Processes -- Supporting Users in the Continuous Evolution of Automated Routines in their Smart Spaces -- The Benefits of Sensor-Measurement Aggregation in Discovering IoT Process Models: A Smart-House Case Study -- 14th Workshop on Security and Privacy-Enhanced Business Process Management (SPBP'21) -- Matching Metadata on Blockchain for Self-Sovereign Identity -- Confidentiality Enhanced Life-Cycle Assessment.

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#### Sommario/riassunto

This book constitutes revised papers from the International Workshops held at the 19th International Conference on Business Process Management, BPM 2021, in Rome, Italy, during September 6-10, 2021. Papers from the following workshops are included: 5th International Workshop on Artificial Intelligence for Business Process Management (AI4BPM'21) 17th International Workshop on Business Process Intelligence (BPI'21) 1st International Workshop on BPM Governance for and Beyond Digital Transformation (BPMGOV'21) 1st International Workshop on Business Process Management and Routine Dynamics (BPM&RD'21) 14th International Workshop on Social and Human Aspects of Business Process Management (BPMS2'21) 9th International Workshop on DEClarative, DECision and Hybrid approaches to processes (DEC2H'21) 5th International Workshop on Business Processes Meet the Internet-of-Things (BP-Meet-IoT'21) 4th International Workshop on Security and Privacy-enhanced Business Process Management (SPBP'21) Each of the eight workshops focused on particular aspects of business process management. Overall, after a thorough review process, there were 31 full papers selected from a total of 60 submissions.

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