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Soggetti	Application software Business information services Software engineering Information technology - Management Computer and Information Systems Applications IT in Business Software Engineering Computer Application in Administrative Data Processing
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Nota di contenuto	Improving event data quality in coherence with business requirements (BPMDS 2021) -- From Network Traffic Data to Business Activities: A Process Mining Driven Conceptualization -- A NLP-oriented Methodology to Enhance Event Log Quality -- Enhancing the value of data in processes improvement (BPMDS 2021) -- Detecting and Understanding Branching Frequency Changes in Process Models --

Detecting the "Split-Cases" Workaround in Event Logs -- "Towards a Content-Based Process Mining Approach in Personal Services -- Event stream and predictive monitoring (BPMDS 2021) -- Generating Reliable Process Event Streams and Time Series Data based on Neural Networks -- Inter-Case Properties and Process Variant Considerations in Time Prediction: A Conceptual Framework -- Towards Reliable Business Process Simulation: A Framework to Integrate ERP Systems -- Modeling languages and reference models (BPMDS 2021) -- Supporting Data-Aware Processes with MERODE -- Evaluating Perceived Usefulness and Ease of Use of CMMN and DCR -- Subject-Oriented Reference Model for Virtual Factory Operations Commissioning -- Enterprise Modeling (EMMSAD 2021) -- Participatory Modeling From a Stakeholder Perspective: On the Influence of Collaboration and Revisions On Psychological Ownership and Perceived Model Quality -- Reference Service Model for Federated Identity Management -- Traceability from the Business Value Model to the Enterprise Architecture: A Case Study -- Design Thinking and Enterprise Modeling: An Investigation of Eight Enterprise Architecture Management Projects -- Handling Models and Modeling Methods (EMMSAD 2021) -- Formalizing Conceptual Modeling Methods with MetaMorph -- Situation-specific Business Model Development Methods for Mobile App Developers -- Searching for Class Models -- From Mental Models to Machine Learning Models via Conceptual Models -- Threat and Evidence Modeling (EMMSAD 2021) -- Towards Measuring Test Coverage of Attack Simulations -- Murder, She Modeled: Modeling to Support Crimino-Forensic Processes. - Model-Driven Engineering & Applications (EMMSAD 2021) -- Model-Driven Engineering: A State of Affairs and Research Agenda -- FloWare: an Approach for IoT Support and Application Development -- A Model-based Application for the Effective and Efficient Management of Data associated with Retina-Macula Pathology -- API Management Maturity of Low-Code Development Platforms.

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## Sommario/riassunto

This book contains the proceedings of two long-running events held along with the CAiSE conference relating to the areas of enterprise, business-process and information systems modeling: \* the 22nd International Conference on Business Process Modeling, Development and Support, BPMDS 2021, and \* the 26th International Conference on Exploring Modeling Methods for Systems Analysis and Development, EMMSAD 2021. The conferences were planned to take place in Melbourne, Australia, during June 28–29, 2021, but changed to an online format due to the COVID-19 pandemic. For BPMDS 10 full papers and 1 short paper were carefully reviewed and selected for publication from a total of 26 submissions; for EMMSAD 13 full papers and 1 short paper were accepted from 34 submissions. The papers were organized in topical sections as follows: BPMDS: Improving event data quality in coherence with business requirements; enhancing the value of data in processes improvement; event stream and predictive monitoring; modeling languages and reference models; EMMSAD: Enterprise modeling; handling models and modeling methods; threat and evidence modeling; and model-driven engineering and applications. .

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