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Soggetti	Application software Information technology Business—Data processing Software engineering Information Systems Applications (incl. Internet) IT in Business Computer Applications Software Engineering
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Automated Process Improvement: Status, Challenges, and Perspectives -- Dynamically Switching Execution Context in Data-Centric BPM Approaches -- Exception Handling in the Context of Fragment-based Case Management -- Business Process Monitoring on Blockchains: Potentials and Challenges (Idea paper)) -- Factors Impacting Successful BPMS Adoption and Use: A South African Financial Services Case Study -- Chatting about processes in digital factories: A model-based approach -- Enforcing a Cross-organizational Workflow: An Experience Report -- Automated Planning for supporting Knowledge-intensive Processes -- Scheduling Processes without Sudden Termination -- Cherry-picking from Spaghetti: Multi-range Filtering of Event Logs --

Truncated Trace Classifier. Removal of Incomplete Traces from Event Logs. -- Secure Multi-Party Computation for Inter-Organizational Process Mining -- Visualizing Business Process Evolution (Short idea paper) -- Mining BPMN Processes on GitHub for Tool Validation and Development -- An Empirical Investigation of the Intuitiveness of Process Landscape Designs -- A Multi-Concern Method for Identifying Business Services: A Situational Method Engineering Study -- Modeling complex business environments for context aware systems -- Towards automating the synthesis of chatbots for conversational model query -- Conceptualizing Capability Change -- Supporting Early Phases of Digital Twin Development with Enterprise Modeling and Capability Management: Requirements from Two Industrial Cases -- Integrated On-demand Modeling for Configuration of Trusted ICT Supply Chains -- A Modeling Method for Systematic Architecture Reconstruction of Microservice-Based Software Systems -- Can We Design Software as We Talk? -- Non-Functional Requirements Orienting the Development of Socially Responsible Software -- A Journey to BSO: Evaluating Earlier and More Recent Ideas of Mario Bunge as a Foundation for Information Systems and Software Development -- A new DEMO modelling tool that facilitates model transformations -- Reference Method for the Development of Domain Action Recognition Classifiers: the Case of Medical Consultations -- An Evaluation of the Intuitiveness of the PGA Modeling Language Notation -- Does Enterprise Architecture support Customer Experience Improvement? Towards a conceptualization in digital transformation context -- A Formal Basis for Business Model Evaluation with Linguistic Summaries.

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 21st International Conference on Business Process Modeling, Development and Support, BPMDS 2020, and * the 25th International Conference on Exploring Modeling Methods for Systems Analysis and Development, EMMSAD 2020. The conferences were planned to take place in Grenoble, France, during June 8–9, 2020. They were held virtually due to the COVID-19 pandemic. For BPMDS 13 full papers and 1 short paper were carefully reviewed and selected for publication from a total of 30 submissions; for EMMSAD 11 full papers and 4 short papers were accepted from 29 submissions. The papers were organized in topical sections named as follows: BPMDS: Business process execution and monitoring, BPM applications in industry and practice, planning and scheduling in business processes, process mining, process models and visualizations EMMSAD: Requirements and method engineering, enterprise and business modeling, software-related modeling, domain-specific modeling, evaluation-related research.
