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Nota di contenuto

Regular papers -- Bi2E: Bidirectional Knowledge Graph Embeddings Based on Subject-Object Feature Spaces -- Relevance-based Big Data Exploration for Smart Road Maintenance -- At Design-Time Approach for Supervisory Control of Opacity -- DATA-IMP: An Interactive Approach to Specify Data Imputation Transformations on Large Datasets -- Quantifying Temporal Privacy Leakage in Continuous Event Data Publishing -- Dynamic Forest for Learning from Data Streams with Varying Feature Spaces -- Enabling Multi-Process Discovery on Graph Databases -- Collaborative patterns for workflows with collaborative robots -- PK-Graph: Partitioned k2-Trees to Enable Compact and Dynamic Graphs in Spark GraphX -- A Distributed Architecture for Privacy-Preserving Optimization Using Genetic Algorithms and Multi-Party Computation -- Data-Driven Evolution of Activity Forms in Object- and Process-Aware Information Systems -- Automating process discovery through meta-learning -- Random-value payment tokens for on-chain privacy-preserving payments -- A Data Connector Store for International Data Spaces -- Validating Vector-label Propagation for Graph Embedding -- Research in Progress Papers -- Generating Plugs and Data Sockets for Plug-and-Play Database Web Services -- Design and Implementation of Education and Training Management System based on Blockchain -- Conformance Checking for Trace Fragments Using Infix and Postfix Alignments -- An Experimental Study of Intuitive Representations of Process Task Annotations -- A Method for Integrated Modeling of KiPs and Contextual Goals.

Sommario/riassunto

This volume LNCS 13591 constitutes the proceedings of the International Conference on Cooperative Information Systems, CoopIS 2022, collocated with the Enterprise Design, Operations and Computing conference, EDOC 2022, in October 2022 in Bozen-Bolzano, Italy. The 15 regular papers presented together with 5 research in progress papers were carefully reviewed and selected from 68 submissions. The conference focuses on technical, economical, and societal aspects of distributed information systems at scale. As said, this 28th edition was collocated with the 26th edition of the Enterprise Design, Operations and Computing conference, EDOC 2022, and its guiding theme was "Information Systems in a Digital World".
