

1. Record Nr.	UNINA9910410038303321
Titolo	Research Challenges in Information Science : 14th International Conference, RCIS 2020, Limassol, Cyprus, September 23–25, 2020, Proceedings // edited by Fabiano Dalpiaz, Jelena Zdravkovic, Pericles Loucopoulos
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-50316-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (659 pages)
Collana	Lecture Notes in Business Information Processing, , 1865-1348 ; ; 385
Disciplina	020.72 025.04
Soggetti	Application software Information technology Business—Data processing Database management Software engineering Information Systems Applications (incl. Internet) IT in Business Computer Applications Database Management Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Data Analytics and Business Intelligence -- Toward Becoming a Data-Driven Organization: Challenges and Benefits -- A Big Data Conceptual Model to Improve Quality of Business Analytics -- How to measure influence in social networks -- Developing a real-time traffic reporting and forecasting back-end system -- IoT Analytics Architectures: Challenges, solution proposals and future research directions -- Digital Enterprise and Technologies Structural Coupling, Strategy and Fractal Enterprise Modeling -- Systems-Thinking Heuristics for the Reconciliation of Methodologies for Design and Analysis for Information Systems Engineering -- An Ontology of IS Design Science

Research Artefacts -- Evolution of Enterprise Architecture for Intelligent Digital Systems -- Human Factors in Information Systems Online peer support groups for behaviour change: Moderation requirements -- User-Experience in Business Intelligence - A Quality Construct and Model to Design Supportive BI Dashboards -- FINESSE: Fair Incentives for Enterprise Employees -- Explainable Recommendations in Intelligent Systems: Delivery Methods, Modalities and Risks -- Participation in Hackathons: A Multi-Methods View on Motivators, Demotivators and Citizen Participation -- Information Systems Development and Testing A systematic literature review of blockchain-enabled smart contracts: platforms, languages, consensus, applications and choice criteria -- Scriptless testing at the GUI level in an industrial setting -- Improving Performance and Scalability of Model-Driven generated Web applications: An experience report -- TesCaV: An Approach for Learning Model-based Testing and Coverage in Practice -- Machine Learning and Text Processing Automatic Classification Rules for Anomaly Detection in Time-series -- Text Embeddings for Retrieval from a Large Knowledge Base -- Predicting Unemployment with Machine Learning Based on Registry Data -- Anomaly detection on data streams - A LSTM's diary -- Process Mining, Discovery, and Simulation Discovering Business Process Simulation Models in the Presence of Multitasking -- TLKC-Privacy Model for Process Mining -- Incremental Discovery of Hierarchical Process Models -- Security and Privacy -- Ontology Evolution in the Context of Model-based Secure Software Engineering -- Blockchain-Based Personal Health Records for Patients' Empowerment -- COPri - a Core Ontology for Privacy Requirements Engineering -- Privacy Preserving Real-Time Video Stream Change Detection Based on the Orthogonal Tensor Decomposition Models.

Sommario/riassunto

This book constitutes the proceedings of the 14th International Conference on Research Challenges in Information Sciences, RCIS 2020, held in Limassol, Cyprus, during September 23-25, 2020. The conference was originally scheduled in for 2020, but the organizing committee was forced to postpone the conference due to the outbreak of the COVID-19 pandemic. The scope of RCIS 2020 is summarized by the thematic areas of information systems and their engineering; user-oriented approaches; data and information management; business process management; domain-specific information systems engineering; data science; information infrastructures, and reflective research and practice. The 26 full papers and 3 work in progress papers presented in this volume were carefully reviewed and selected from 106 submissions. They were organized in topical sections named: Data Analytics and Business Intelligence; Digital Enterprise and Technologies; Human Factors in Information Systems; Information Systems Development and Testing; Machine Learning and Text Processing; and Security and Privacy. The volume also contains 12 poster and demo-papers, and 4 Doctoral Consortium papers.
