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Soggetti	Application software Business information services Software engineering Information technology - Management Computer and Information Systems Applications Business Information Systems Software Engineering Enterprise Architecture Computer Application in Administrative Data Processing
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Nota di contenuto	COGNISE 2019 -- The Impact of Confusion on Syntax Errors in Simple Sequence Flow Models in BPMN -- A Case Study of Executive Functions in Real Process Modeling Session -- The Subjective Cost of Writing Reusable Code: The Case of Functions -- Climb Your Way to the Model: Teaching UML to Software Engineering Students -- KET4DF 2019 -- A New Method for Manufacturing Process Autonomous Planning in Intelligent Manufacturing System -- Design of Meshing Assembly Algorithms for Industrial Gears Based on Image Recognition -- Detecting Anomalous Behavior Towards Predictive Maintenance -- Data Analytics towards Predictive Maintenance for Industrial Ovens: A Case Study Based on Data Analysis of Various Sensors Data -- A RAMI 4.0 View of Predictive Maintenance: Software Architecture, Platform and Case Study in Steel Industry -- Different Perspectives of a Factory of

the Future: An Overview -- Predictive Maintenance in a Digital Factory Shop-floor: Data Mining on Historical and Operational Data coming from Manufacturers' Information Systems -- Information Extraction for Additive Manufacturing using News Data -- A Fog Computing Approach for Predictive Maintenance -- BIOC & FAiSE 2019 -- Blockchain Usage for Government-issued Electronic IDs: a Survey -- Smart Contracts and Void Declarations of Intent -- Blockchain-based Application Security Risks: A Systematic Literature Review -- Data Management: Relational vs. Blockchain Databases -- A Generic Framework for Flexible and Data-Aware Business Process Engines -- Building Information Systems using Collaborative-filtering Recommendation Techniques. .

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of three international workshops held in Rome, Italy, in June 2019, associated with the 31st International Conference on Advanced Information Systems Engineering, CAiSE 2019. These workshops were: COGNISE, The 7th International Workshop on Cognitive Aspects of Information Systems Engineering KET4DF, First International Workshop on Key Enabling Technologies for Digital Factories BIOC&FAISE, Joint Workshop on Blockchains for Inter-Organizational Collaboration and Flexible Advanced Information Systems The total of 19 papers presented in this volume were carefully reviewed and selected from 39 submissions. .
