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Nota di contenuto	Part: Keynote Speech -- Market Design - Foundations and Applications -- Resilience - A New Research Field in Business Information Systems? -- Part: AKTB Workshop -- Analytic Hierarchy Process to Improve the Evaluation Process in R&D Management System -- Using Software Agents to Enhance the Functionality of Social Knowledge Portal -- Research of Conventional Data Mining Tools for Big Data Handling in Finance Institutions -- Lean Agile Approach in Development of Modern Mobile and Web Applications -- UML Diagrams Generation Process by Using Knowledge-Based Subsystem -- Part: BITA Workshop -- Using Ontologies to Integrate Multiple Enterprise Architecture Domains -- New-Generation Managers' Business/IT Alignment Perspective for a More Business-Driven IS Design -- Policy Conflict Handling as a Monitoring Activity of Hospital Information Systems -- Configurative Alignment of Business and Application Services: A Work Systems

Perspective -- TOGAF Adaption for Small and Medium Enterprises -- The Industrial Practice of ITIL Implementation in Medium-Sized Enterprises -- Part: FSFE Workshop -- Mobile Cloudable Applications: A New Way of Distributing Mobile Tasks into the Cloud -- The System Conception of Investigation of the Communication Security Level in Networks -- Part: LIT Workshop -- Parent Plan Support System – Context, Functions and Knowledge Base -- Linked Open Data for Legislative Domain – Ontology and Experimental Data -- Causality and Other Aspects of Instrumental Reasoning -- Part: PhD Symposium -- Crawling Data-Intensive Web Sources Using Structure Information -- Aspect-Oriented Ontology Development -- RDF Data Clustering -- Semantically Enhanced Analysis of Enterprise Environment for the Needs of Business Networks Identification -- Conceptual Semantic Representation of 3D Content -- Creation of Interactive AR Content on Mobile Devices -- Feature Extraction Based on Semantic Sentiment Analysis -- Aspect-Aware Identification of Opinion Phrases Polarity Based on Summaries of Consumer Opinions about Products and Services -- A Rule-Based Agent Framework for Weakly-Structured Scientific Workflows -- Process Mining Techniques in Conformance Testing of Inventory Processes: An Industrial Application.

| Sommario/riassunto | This book constitutes the refereed proceedings of the four workshops that were organized in conjunction with the International Conference on Business Information Systems, BIS 2013, which took place in Pozna, Poland, in June 2013. BIS workshops give researchers the opportunity to share their preliminary ideas and first experimental results and to discuss research hypotheses with a highly focused audience. The 25 papers in this volume were carefully reviewed and selected from 47 submissions and were revised and extended after the event. The workshop topics covered applications and economics of knowledge-based technologies (AKTB), business and IT alignment (BITA), enterprise systems for higher education (ESHE), and formal semantics for future enterprises (FSFE). In addition, two keynotes as well as ten papers presented at the PhD Symposium are also included in this volume. |