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Nota di contenuto	Part: Keynotes -- Should Business Informatics Care about Linked Open Data? -- Open Problems of Information Systems Research and Technology -- Part: Business Process Management -- Requirements Definition for Domain-Specific Modelling Languages: The Com Vantage Case -- Using Process Variants in Design of Flow Management Systems -- Visual Simulation for the BPM-Based Process Automation -- Towards Completeness and Lawfulness of Business Process Models -- Cooperation of Business Processes – A Central Point of the Content, Technical, and Human Aspects of Organization Management -- Part: Enterprise and Knowledge Architectures -- Pattern Use in Knowledge Architectures: An Example from Information Logistics -- Methods of the Assessment of Enterprise Architecture Practice Maturity in an Organization -- Development of an Enterprise Architecture

Management Capability Catalog -- Part: Organisations and Information Systems Development -- Developing Open Source ERP Systems for SMEs: Is That Still of Interest? -- Relationships among Open Innovation Processes, Entrepreneurial Orientation, and Organizational Performance of SMEs: The Moderating Role of Technological Turbulence -- The Relationships between Software Development Processes and Software Product Quality -- Ontological Foundations of Multi-agent Framework for Organizational Diagnosis -- Verification of Models in Agent Based Computational Economics — Lessons from Software Engineering -- Part: Information Systems and Services -- Towards Creating an Evolvable Semantic Platform for Formation of Research Teams -- The Value of E-Learning to the Lecturer -- Conversion Method in Comparative Analysis of e-Banking Services in Poland -- Selected Aspects of Information Society Measurement -- Developing a Data Quality Methodology in Service Oriented Context Using Design Science Approach -- The Willingness to Pay for Information in Digital Marketplaces -- Capabilities and Challenges of Contemporary Service Based Monitoring Systems -- Enterprise Utilizing Social Web -- Part: Applications -- Towards Forecasting Demand and Production of Electric Energy in Smart Grids -- Supporting Energy Efficiency Decisions with IT: Initial Experiences from the EnRiMa Project -- Noise Identification in Multivariate Time Series Modelling with Divergence Approach.

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#### Sommario/riassunto

This book constitutes a collection of selected contributions from the 12th International Conference on Perspectives in Business Informatics Research, BIR 2013, held in Warsaw, Poland, in September 2013. Overall, 54 submissions were rigorously reviewed by 41 members of the Program Committee representing 21 countries. As a result, 19 full and 5 short papers from 12 countries have been selected for publication in this volume. This book also includes the two keynotes by Witold Abramowicz and Bernhard Thalheim. The papers cover many aspects of business information research and have been organized in topical sections on: business process management; enterprise and knowledge architectures; organizations and information systems development; information systems and services; and applications.

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