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Nota di contenuto	Keynotes -- The Science of the Web -- TomTom for Business Process Management (TomTom4BPM) -- Computer-Centric Business Operating Models vs. Network-Centric Ones -- The IT Dilemma and the Unified Computing Framework -- Tutorial: How to Value Software in a Business, and Where Might the Value Go? -- Towards the Next Generation of Service-Based Systems: The S-Cube Research Framework -- Model Driven Engineering -- An Extensible Aspect-Oriented Modeling Environment -- Incremental Detection of Model Inconsistencies Based on Model Operations -- Reasoning on UML Conceptual Schemas with Operations -- Conceptual Modelling 1 -- Towards the Industrialization of Data Migration: Concepts and Patterns for Standard Software Implementation Projects -- Defining and Using Schematic Correspondences for Automatically Generating Schema Mappings -- The Problem of Transitivity of Part-Whole Relations in Conceptual Modeling Revisited -- Conceptual Modelling 2 -- Using UML as a Domain-Specific Modeling Language: A Proposal for Automatic Generation of UML Profiles -- Verifying Action Semantics Specifications in UML Behavioral Models -- Using Macromodels to

Manage Collections of Related Models -- Quality and Data Integration -- A Case Study of Defect Introduction Mechanisms -- Measuring and Comparing Effectiveness of Data Quality Techniques -- Improving Model Quality Using Diagram Coverage Criteria -- Goal-Oriented Requirements Engineering -- A Method for the Definition of Metrics over i* Models -- Preference Model Driven Services Selection -- Secure Information Systems Engineering: Experiences and Lessons Learned from Two Health Care Projects -- Requirements and Architecture -- An Architecture for Requirements-Driven Self-reconfiguration -- Automated Context-Aware Service Selection for Collaborative Systems -- Development Framework for Mobile Social Applications -- Service Orientation -- Evolving Services from a Contractual Perspective -- Efficient IR-Style Search over Web Services -- Towards a Sustainable Services Innovation in the Construction Sector -- Web Service Orchestration -- P2S: A Methodology to Enable Inter-organizational Process Design through Web Services -- Composing Time-Aware Web Service Orchestration -- Asynchronous Timed Web Service-Aware Choreography Analysis -- Value-Driven Modelling -- Evaluation Patterns for Analyzing the Costs of Enterprise Information Systems -- Using the REA Ontology to Create Interoperability between E-Collaboration Modeling Standards -- Value-Based Service Modeling and Design: Toward a Unified View of Services -- Workflow -- Data-Flow Anti-patterns: Discovering Data-Flow Errors in Workflows -- Process Algebra-Based Query Workflows -- ETL Workflow Analysis and Verification Using Backwards Constraint Propagation -- Business Process Modelling -- The Declarative Approach to Business Process Execution: An Empirical Test -- Configurable Process Models: Experiences from a Municipality Case Study -- Business Process Modeling: Current Issues and Future Challenges -- Requirements Engineering -- Deriving Information Requirements from Responsibility Models -- Communication Analysis: A Requirements Engineering Method for Information Systems -- Spectrum Analysis for Quality Requirements by Using a Term-Characteristics Map.

Sommario/riassunto

This book constitutes the refereed proceedings of the 21st International Conference on Advanced Information Systems Engineering, CAiSE 2009, held in Amsterdam, The Netherlands, on June 8-12, 2009. The 36 papers presented in this book together with 6 keynote papers were carefully reviewed and selected from 230 submissions. The topics covered are model driven engineering, conceptual modeling, quality and data integration, goal-oriented requirements engineering, requirements and architecture, service orientation, Web service orchestration, value-driven modeling, workflow, business process modeling, and requirements engineering.
