

1. Record Nr.	UNISA996465555203316
Titolo	Advanced Information Systems Engineering : 21st International Conference, CAiSE 2009, Amsterdam, The Netherlands, June 8-12, 2009, Proceedings // edited by Pascal van Eck, Jaap Gordijn, Roel J. Wieringa
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-02144-1
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XVIII, 562 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 5565
Disciplina	006.312
Soggetti	Data mining Computer engineering User interfaces (Computer systems) Database management Application software Computers and civilization Data Mining and Knowledge Discovery Computer Engineering User Interfaces and Human Computer Interaction Database Management Information Systems Applications (incl. Internet) Computers and Society
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
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.

---