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Nota di contenuto	Keynote -- The Challenges of Service Evolution -- Duality and Process Modeling -- Assigning Ontology-Based Semantics to Process Models: The Case of Petri Nets -- On the Duality of Information-Centric and Activity-Centric Models of Business Processes -- A New Paradigm for the Enactment and Dynamic Adaptation of Data-Driven Process Structures -- Interoperability of IS and Enterprises -- An Aspect Oriented Approach for Context-Aware Service Domain Adapted to E-Business -- Modeling Service Choreographies Using BPMN and

BPEL4Chor -- Work Distribution and Resource Management in
BPEL4People: Capabilities and Opportunities -- Refactoring --
Documenting Application-Specific Adaptations in Software Product Line
Engineering -- Refactoring Process Models in Large Process
Repositories -- Service-Oriented Information Systems Engineering: A
Situation-Driven Approach for Service Integration -- When Interaction
Choices Trigger Business Evolutions -- Information Systems in e-
Government and Life-Science -- GATiB-CSCW, Medical Research
Supported by a Service-Oriented Collaborative System -- Strategic
Alignment in the Context of e-Services -- An Empirical Investigation of
the INSTAL Approach Using the Italian eGovernment Initiative Case
Study -- Knowledge Patterns for IS Engineering -- Understanding and
Improving Collective Attention Economy for Expertise Sharing --
Exploring the Effectiveness of Normative i* Modelling: Results from a
Case Study on Food Chain Traceability -- Towards a Catalogue of
Patterns for Defining Metrics over i* Models -- Requirements
Engineering for IS -- Business Process Modelling and Purpose Analysis
for Requirements Analysis of Information Systems -- Supporting the
Elicitation of Requirements Compliant with Regulations -- On the
Impact of Evolving Requirements-Architecture Dependencies: An
Exploratory Study -- The IT Organization Modeling and Assessment
Tool for IT Governance Decision Support -- Ensuring Transactional
Reliability by E-Contracting -- Conceptual Schema Modeling --
Drawing Preconditions of Operation Contracts from Conceptual
Schemas -- Decidable Reasoning in UML Schemas with Constraints --
Round-Trip Engineering for Maintaining Conceptual-Relational
Mappings -- Service Infrastructure -- Capturing and Using QoS
Relationships to Improve Service Selection -- KAF: Kalman Filter Based
Adaptive Maintenance for Dependability of Composite Services --
SpreadMash: A Spreadsheet-Based Interactive Browsing and Analysis
Tool for Data Services -- Service Evolution -- Managing the Evolution
of Service Specifications -- On the Definition of Service Granularity and
Its Architectural Impact -- Reasoning about Substitute Choices and
Preference Ordering in e-Services -- Flexible Information Technologies
-- Message Correlation and Business Protocol Discovery in Service
Interaction Logs -- Concern-Sensitive Navigation: Improving Navigation
in Web Software through Separation of Concerns -- A Flexible and
Semantic-Aware Publication Infrastructure for Web Services -- Metrics
and Process Modelling -- Measuring Similarity between Business
Process Models -- How Much Language Is Enough? Theoretical and
Practical Use of the Business Process Modeling Notation -- On a Quest
for Good Process Models: The Cross-Connectivity Metric -- Information
Systems Engineering -- Information Systems Engineering Supported by
Cognitive Matchmaking -- On Modeling and Analyzing Cost Factors in
Information Systems Engineering -- Computer-Aided Method
Engineering: An Analysis of Existing Environments -- Adapting Secure
Tropos for Security Risk Management in the Early Phases of Information
Systems Development -- IS Development with Ubiquitous Technologies
-- Probabilistic Entity Linkage for Heterogeneous Information Spaces --
Product Based Workflow Support: Dynamic Workflow Execution --
Location-Based Variability for Mobile Information Systems --
Modelling, Simulation, and Performance Analysis of Business Processes
Involving Ubiquitous Systems -- Open Source Workflow: A Viable
Direction for BPM?.

Sommario/riassunto

This book constitutes the refereed proceedings of the 20th International Conference on Advanced Information Systems Engineering, CAiSE 2008, held in Montpellier, France, in June 2008. The 35 revised full papers and 9 revised short papers presented together

with 1 keynote lecture were carefully reviewed and selected from 273 submissions. The papers are organized in topical sections on duality and process modelling, interoperability of IS and enterprises, refactoring, information systems in e-government and life-science, knowledge patterns for IS engineering, requirements engineering for IS, conceptual schema modelling, service infrastructure, service evolution, flexible information technologies, metrics and process modelling, information system engineering, and IS development with ubiquitous technologies.
