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Disciplina	658/05
Soggetti	Production management Information storage and retrieval systems Application software User interfaces (Computer systems) Human-computer interaction Computers and civilization Electronic data processing - Management Operations Management Information Storage and Retrieval Computer and Information Systems Applications User Interfaces and Human Computer Interaction Computers and Society IT Operations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Enterprise Business Process Management – Architecture, Technology and Standards -- BizTalk Server, Windows Workflow Foundation, and BPM -- Monitoring and Mining -- Analyzing Interacting BPEL Processes -- Tracking over Collaborative Business Processes -- Beyond Workflow Mining -- Service Composition -- Adapt or Perish: Algebra and Visual Notation for Service Interface Adaptation

-- Automated Service Composition Using Heuristic Search --
Structured Service Composition -- Isolating Process-Level Concerns
Using Padus -- Process Models and Languages -- Process Equivalence:
Comparing Two Process Models Based on Observed Behavior --
Investigations on Soundness Regarding Lazy Activities -- On the
Suitability of BPMN for Business Process Modelling -- Workflow Model
Compositions Preserving Relaxed Soundness -- Dynamic Process
Management -- Semantic Correctness in Adaptive Process Management
Systems -- A Framework for the Development and Execution of
Horizontal Protocols in Open BPM Systems -- History-Based Joins:
Semantics, Soundness and Implementation -- On Representing,
Purging, and Utilizing Change Logs in Process Management Systems --
Service Composition -- Retracted: Towards Formal Verification of Web
Service Composition -- E-Service/Process Composition Through Multi-
agent Constraint Management -- Web Service E-Contract Establishment
Using Features -- Applied BPM -- A Redesign Framework for Call
Centers -- Building Business Process Driven Web Applications --
Industrial Papers -- A Proposal for an Open Solution Business Process
Integration and Management Implementation Framework --
Experiences in Enhancing Existing BPM Tools with BPEL Import and
Export -- Introducing Case Management: Opening Workflow
Management's Black Box -- IT Support for Release Management
Processes in the Automotive Industry -- Diagnosing SCA Components
Using Wombat -- Short Papers -- Verifying Workflows with Cancellation
Regions and OR-Joins: An Approach Based on Reset Nets and
Reachability Analysis -- Towards a Methodology for Deriving Contract-
Compliant Business Processes -- An AsmL Executable Model for WS-
BPEL with Orthogonal Transactional Behavior -- Optimizing Exception
Handling in Workflows Using Process Restructuring -- Formalizing
Service Interactions -- Decision Mining in ProM -- Managing Process
Variants as an Information Resource -- Verification of Business Process
Integration Options -- Verifying BPEL Workflows Under Authorisation
Constraints -- Selecting Necessary and Sufficient Checkpoints for
Dynamic Verification of Fixed-Time Constraints in Grid Workflow
Systems -- Faulty EPCs in the SAP Reference Model -- A Hybrid
Approach for Generating Compatible WS-BPEL Partner Processes --
Towards a Task-Oriented, Policy-Driven Business Requirements
Specification for Web Services -- Parameterized BPEL Processes:
Concepts and Implementation -- Behavioral Technique for Workflow
Abstraction and Matching -- Erratum -- Towards Formal Verification of
Web Service Composition.

Sommario/riassunto

This book constitutes the refereed proceedings of the 4th International Conference on Business Process Management, BPM 2006. The book presents 20 revised full papers, 5 industrial papers, and 15 short papers together with an invited paper and the abstract of an invited talk. The papers are organized in topical sections on monitoring and mining, service composition, process models and languages, dynamic process management, Web service composition, and applied business process management.
