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Soggetti	Computer programming
	Database management
	Software engineering
	Information storage and retrieval
	Application software
	Programming Techniques
	Database Management
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	Information Storage and Retrieval
	Information Systems Applications (incl. Internet)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Agent Oriented Software Development -- Model Driven Architecture: The Evolution of Object-Oriented Systems? -- Once Upon a Time a DTD Evolved into Another DTD... -- Evolution of OOIS -- Evolution of Collective Object Behavior in Presence of Simultaneous Client-Specific Views -- Evolving Derived Entity Types in Conceptual Schemas in the UML -- Object-Oriented Graceful Evolution Monitors -- Stepwise and Rigorous Development of Evolving Concurrent Information Systems: From Semi-formal Objects to Sound Evolving Components -- Compliance Gaps: A Requirements Elicitation Approach in the Context of System Evolution -- UML-Based Metamodeling for

Information System Engineering and Evolution -- OOIS Frameworks -- Building a Wizard for Framework Instantiation Based on a Pattern Language -- Event-Based Software Architectures -- Aided Domain Frameworks Construction and Evolution -- Patterns and Components -- A Contract-Based Approach of Resource Management in Information Systems -- Representing User-Interface Patterns in UML -- Accommodating Changing Requirements with EJB -- A Framework for Supporting Views in Component Oriented Information Systems -- Enabling Design Evolution in Software through Pattern Oriented Approach -- Extracting Domain-Specific and Domain-Neutral Patterns Using Software Stability Concepts -- Object Oriented Data Bases -- Designing Storage Structures for Management of Materialised Methods in Object-Oriented Databases -- Overcoming the Complexity of Object-Oriented DBMS Metadata Management -- Primitive Operations for Schema Evolution in ODMG Databases -- XML and Web -- Models and Guidelines for the Design of Progressive Access in Web-Based Information Systems -- Mediaviews: A Layered View Mechanism for Integrating Multimedia Data -- An Efficient Object Hierarchy Construction for Viewing Internet Products on Mobile Phones -- Evolution -- A Conceptualization of OO Evolution -- Workflow Evolution: Generation of Hybrid Flows -- Supporting Database Evolution: Using Ontologies Matching -- Designing Evolvable Location Models for Ubiquitous Applications -- Refactoring the Scenario Specification: A Message Sequence Chart Approach -- OO Design and Architecture -- Model Driven Architecture for Agile Web Information System Engineering -- DSL-DIA – An Environment for Domain-Specific Languages for Database-Intensive Applications -- An Object-Oriented Framework for Managing Cooperating Legacy Databases -- Object-Oriented Component Identification Method using the Affinity Analysis Technique -- Distributed Information System Design Based on Integrity Constraints Optimization: The FKDO Algorithm -- Object-Oriented Design of RTI Using Design Patterns -- Modelling of IS -- Functional Size Measurement of Multi-Layer Object-Oriented Conceptual Models -- RISA: Object-Oriented Modeling and Simulation of Real-Time Distributed System for Air Defense -- Software Process and Reuse: A Required Unification -- Distributed Systems Development: Can We Enhance Evolution by Using AspectJ? -- Conciliating User Interface and Business Domain Analysis and Design -- Atomic Use Case: A Concept for Precise Modelling of Object-Oriented Information Systems -- An Approach of Model Transformation Based on Attribute Grammars.

| Sommario/riassunto | The conference on Object Oriented Information Systems (OOIS) is now an es- blished international conference where innovative ideas, research, applications, and experiences in the design, development, and use of object oriented infor- tionsystems, fromboththeacademicandindustrialenvironments,arepresented. The ninth OOIS conference was held at the University of Geneva, September 2–5, 2003. The main theme was the Evolution of Object Oriented Information Systems. The papers presented ideas and issues related to the evolution, ad- tability, restructuring, and ?exibility of OOIS. In the context of the conference, ?ve workshops and four tutorials were organized providing a discussion forum for new ideas and including in depth presentations on important "hot" subjects. The three invited speakers of the ninth OOIS conference provided an - ternative view on OOIS and their evolution. Prof. John Mylopoulos (Univ- sity of Toronto and VLDB president) gave the opening presentation entitled "Agent Oriented IS Development" , Dr. Richard Soley (OMG President and CEO) gave the closing presentation entitled "Model Driven Architecture: The Evolution of Object-Oriented Systems?" and Prof. Lina Al-Jadir |