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Livello bibliografico	Monografia
Note generali	"The MoDELS ... conference is a continuation of the successful series of UML conferences"--Pref. Seventh conference has title: UML 2004.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Address I -- Keynote Address I: Model Driven Development for Distributed Real-Time and Embedded Systems -- Process -- Activity Diagram Patterns for Modeling Quality Constraints in Business Processes -- UML4SPM: A UML2.0-Based Metamodel for Software Process Modelling -- Realizing Model Driven Security for Inter-organizational Workflows with WS-CDL and UML 2.0 -- Product Families, Reuse -- Code Generation from UML Models with Semantic Variation Points -- Composing Domain-Specific Languages for Wide-Scope Software Engineering Applications -- Model Typing for Improving Reuse in Model-Driven Engineering -- State/Behavioral

Modeling -- UML Vs. Classical Vs. Rhapsody Statecharts: Not All Models Are Created Equal -- Evaluating the Effect of Composite States on the Understandability of UML Statechart Diagrams -- Computing Refactorings of Behavior Models -- Aspects -- Dynamic Secure Aspect Modeling with UML: From Models to Code -- Performance Analysis of UML Models Using Aspect-Oriented Modeling Techniques -- Domain Models Are Aspect Free -- Design Strategies -- Representing and Applying Design Patterns: What Is the Problem? -- Properties of Stereotypes from the Perspective of Their Role in Designs -- A Modelling and Simulation Based Approach to Dependable System Design -- Model Transformations -- Extending Profiles with Stereotypes for Composite Concepts -- Transformation from CIM to PIM: A Feature-Oriented Component-Based Approach -- Weaving Executability into Object-Oriented Meta-languages -- Keynote Address II -- Keynote Address II: Domain-Specific Modeling: No One Size Fits All -- Model Refactoring -- Refactoring OCL Annotated UML Class Diagrams -- Replicators: Transformations to Address Model Scalability -- Simplifying Transformations of OCL Constraints -- Quality Control -- Lessons Learned from Automated Analysis of Industrial UML Class Models (An Experience Report) -- Reliability Prediction in Model-Driven Development -- Model-Based Scalability Estimation in Inception-Phase Software Architecture -- MDA I -- Explicit Platform Models for MDA -- Integrated Model-Based Software Development, Data Access, and Data Migration -- Invited Presentation I: Lessons Learned, New Directions, and Migration Plans for Model-Driven Development of Large Scale Software Based Systems -- Automation I -- Concepts for Comparing Modeling Tool Architectures -- Scenario Construction Tool Based on Extended UML Metamodel -- Invited Presentation II: Experiences in Applying Model Based System Testing Generation -- UML 2.0 -- The Impact of UML 2.0 on Existing UML 1.4 Models -- Towards UML 2 Extensions for Compact Modeling of Regular Complex Topologies -- Using UML 2.0 Collaborations for Compositional Service Specification -- Industrial Experience -- Model-Driven Engineering in a Large Industrial Context — Motorola Case Study -- Using a Domain-Specific Language and Custom Tools to Model a Multi-tier Service-Oriented Application — Experiences and Challenges -- Invited Presentation III: The Architects' Workbench — Research in the Trenches -- Crosscutting Concerns -- Uniform Support for Modeling Crosscutting Structure -- Modeling Crosscutting Services with UML Sequence Diagrams -- A Formal Enforcement Framework for Role-Based Access Control Using Aspect-Oriented Programming -- Modeling Strategies I -- A Domain Model for Dynamic System Reconfiguration -- Exceptional Use Cases -- MDA II -- Modeling Turnpike Frontend System: A Model-Driven Development Framework Leveraging UML Metamodeling and Attribute-Oriented Programming -- Simplifying Autonomic Enterprise Java Bean Applications Via Model-Driven Development: A Case Study -- Automation II -- Automated Invariant Maintenance Via OCL Compilation -- SelfSync: A Dynamic Round-Trip Engineering Environment -- UML for Document Modeling: Designing Document Structures for Massive and Systematic Production of XML-based Web Contents -- Modeling Strategies II -- Metamodel Reuse with MOF -- Modeling the User Interface of Multimedia Applications -- An Ontology-Based Approach for Evaluating the Domain Appropriateness and Comprehensibility Appropriateness of Modeling Languages -- Workshops, Tutorials and Panels -- Workshops at the MODELS 2005 Conference -- Tutorials at the MODELS 2005 Conference -- Panels at the MODELS 2005 Conference.