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Disciplina	005.117
Soggetti	Software engineering Database management Information storage and retrieval Artificial intelligence Computer networks Operating systems (Computers) Software Engineering Database Management Information Storage and Retrieval Artificial Intelligence Computer Communication Networks Operating Systems
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited Talk -- Semantic Web Services – Fundamentals and Advanced Topics -- Languages and Models -- Support for Value Types in an Object-Oriented Programming Language -- Self-accounting as Principle for Portable CPU Control in Java -- Agents and Semantic Web -- Organizing Knowledge in a Semantic Web for Pathology -- Listening to Agents – Transparent Representation and Presentation of Agent Communication in Mobile Systems -- Supporting Software Processes I --

Co-operative and Distributed Configuration -- Micro-measurements for Dynamic Aspect-Oriented Systems -- Supporting Software Processes II -- Testing of Service-Oriented Architectures -- A Practical Approach -- A UML Profile for GUI Layout -- Software Product Lines -- Reconciling Feature Modeling: A Feature Modeling Metamodel -- Feature-Oriented Development of Software Product Lines: Mapping Feature Models to the Architecture -- Managing Product Line Variability by Patterns -- Software Architectures -- UnSCom: A Standardized Framework for the Specification of Software Components -- A Cross-Platform Application Environment for Nomadic Desktop Computing -- Case Study and Visions -- Agile Software Engineering: A New System for an Expanding Business Model at SCHUFA -- Ercatons: Thing-Oriented Programming.

Sommario/riassunto

Based on the Net.ObjectDays tradition of bringing together researchers from academia and industry on the one hand and system architects, developers, and users from industry and administration on the other hand, this year's conference took an international research perspective, so that we see the first volume of Net.ObjectDays main conference proceedings published in the Springer Lecture Notes in Computer Science series. This volume consists of 16 papers carefully selected in a rigorous reviewing process by an international program committee; to provide a concise overview, these papers are briefly described. In the Languages and Models session, Beate Ritterbach proposes a new language element for object-oriented programming languages that supports arbitrary value types. In her contribution Support for Value Types in an Object-Oriented Programming Language she describes the corresponding keywords, syntax, and consistency checks, thereby giving an impression of the look and feel of value types from an application programmer's perspective. Walter Binder and Jarle Hulaas look at portable CPU accounting and control in Java, which is based on program transformation techniques. In their paper Self-accounting as Principle for Portable CPU Control in Java periodically the threads of an application component aggregate the information of their respective CPU consumption within a shared account; scheduling functions make sure applications do not exceed their allowed CPU share.
