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| Soggetti                | Programming languages (Electronic computers)<br>Data structures (Computer science)<br>Database management<br>Computer programming<br>Programming Languages, Compilers, Interpreters<br>Data Structures and Information Theory<br>Database Management<br>Programming Techniques  |
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| Formato                 | Materiale a stampa  |
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| Nota di bibliografia    | Includes bibliographical references and index.  |
| Nota di contenuto       | Invited Talk -- Persistence and Java — A Balancing Act -- Persistence -- Parametric Polymorphism and Orthogonal Persistence -- Towards a Consistent Viewpoint on Consistency for Persistent Applications -- Towards Scalable and Recoverable Object Evolution for the PJama Persistent Platform -- Clustering -- Dynamic Clustering in Object-Oriented Databases: An Advocacy for Simplicity -- Opportunistic Prioritised Clustering Framework (OPCF) -- Schema Evolution -- A Flexible Approach for Instance Adaptation During Class Versioning -- Optimizing Performance of Schema Evolution Sequences -- Data Mining and Data Warehouse -- ODMQL: Object Data Mining Query Language -- Benefits of an Object-Oriented Multidimensional Data Model -- Miscellaneous -- The NODS Project: Networked Open Database Services -- Pointwise Temporal Object Database Browsing -- Towards a Unified |

These post-proceedings contain the revised versions of the papers presented at the "Symposium on Objects and Databases" which was held in Sophia-Antipolis, France, June 13, 2000, in conjunction with the Fourteenth European Conference on Object-Oriented Programming, ECOOP 2000. This event continued the tradition established the year before in Lisbon (Portugal) with the First Workshop on Object-Oriented Databases. The goal of the symposium was to bring together researchers working in various corners of the field of objects and databases, to discuss the current state of research in the field and to critically evaluate existing solutions in terms of their current usage, their successes and limitations, and their potential for new applications. The organizing committee received 21 papers which were reviewed by a program committee of people active in the field of objects and databases. There were 3 reviews for each paper, and finally the organizing committee selected 9 long papers, 2 short papers, and a demonstration to be presented and discussed at the symposium. The selected papers cover a wide spectrum of topics, including data modeling concepts, persistent object languages, consistency and integrity of persistent data, storage structures, class versioning and schema evolution, query languages, and temporal object-oriented databases. In addition to the regular papers, the symposium included an invited presentation, given by Prof. Malcolm Atkinson from the University of Glasgow (Scotland) where he heads the Persistence and Distribution Group.

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