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Soggetti	Software engineering Database management Computer communication systems Programming languages (Electronic computers) Computer logic Software Engineering/Programming and Operating Systems Database Management Computer Communication Networks Software Engineering Programming Languages, Compilers, Interpreters Logics and Meanings of Programs
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Session 1: Overview -- A Framework for Persistence-Enabled Optimization of Java Object Stores -- Architecture of the PEVM: A High-Performance Orthogonally Persistent Java™ Virtual Machine -- Session 2: Overview -- A Spatiotemporal Model as the Basis for a Persistent GIS -- Experience with the PerDiS Large-Scale Data-Sharing Middleware -- Toward Pure Polylingual Persistence -- Session 3: Overview -- Transactional Remote Group Caching in Distributed Object Systems -- Platypus: Design and Implementation of a Flexible High Performance Object Store -- Evaluating Partition Selection Policies Using the PMOS

Garbage Collector -- TMOS: A Transactional Garbage Collector --
Session 4: Overview -- The Memory Behavior of the WWW, or The WWW
Considered as a Persistent Store -- A Comparison of Two Persistent
Storage Tools for Implementing a Search Engine -- Session 5: Overview
-- An Approach to Implementing Persistent Computations --
Transparent Orthogonal Checkpointing through User-Level Pagers --
An Overview of Ulisse, a Distributed Single Address Space System --
Session 6: Overview -- Hyper-Code Revisited: Unifying Program Source,
Executable, and Data -- Implementing Orthogonally Persistent Java --
Session 7: Overview -- Event Storage and Federation Using ODMG --
An Application Model and Environment for Personal Information
Appliances -- Scalable and Recoverable Implementation of Object
Evolution for the PJama1 Platform -- Epilogue.

Sommario/riassunto

The Ninth International Workshop on Persistent Object Systems (POS 9) took place at the SAS Radisson Hotel in Lillehammer, Norway, from 6th to 8th September 2000. Previous workshops in the series have been held in Scotland (1 and 2), Australia (3), the USA (4), Italy (5), France (6), and the USA (7 and 8). In keeping with those workshops, POS 9 was short but intensive, fitting 28 papers and panel sessions, a boat 1 excursion, and some memorable meals into two and a half days. The participants' concentration was no doubt helped by the Northern European weather that prevailed for most of the workshop. Continuing a trend experienced over the previous few workshops, POS 9 had difficulty attracting a high number of papers. Of course it is hard to tell whether this is a problem with the field of persistent systems itself, or merely a consequence of the increasing number of workshops, conferences, and journals competing for submissions. In his Epilogue to the proceedings, Ron Morrison makes some interesting suggestions for possible improvements to future POS workshops. Out of a total of 26 submitted papers, 19 were accepted for presentation at the 2 workshop. Breaking down by region, 6 1/2 came from the USA, 1 from Africa, 3 1/2 from Australia, and 8 from Europe. In a new development for POS, an equal number of papers came from England and from Scotland.
