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Nota di contenuto	Keynotes -- Scheduling for Server Farms: Approaches and Open Problems -- SAP Standard Application Benchmarks - IT Benchmarks with a Business Focus -- The Relationship of Performance Models to Data -- Models for Software Performance Engineering -- Extracting Response Times from Fluid Analysis of Performance Models -- Approximate Solution of a PEPA Model of a Key Distribution Centre -- A Model Transformation from the Palladio Component Model to Layered Queueing Networks -- Model-Driven Generation of Performance

Prototypes -- Benchmarks and Workload Characterization -- SCALASCA
Parallel Performance Analyses of SPEC MPI2007 Applications --
Generating Probabilistic and Intensity-Varying Workload for Web-Based
Software Systems -- Comparison of the SPEC CPU Benchmarks with 499
Other Workloads Using Hardware Counters -- Tuning Topology
Generators Using Spectral Distributions -- Performance, Benchmarking
and Sizing in Developing Highly Scalable Enterprise Software -- Web
Services and Service-Oriented Architectures -- Phase-Type
Approximations for Message Transmission Times in Web Services
Reliable Messaging -- A Framework for Simulation Models of Service-
Oriented Architectures -- Model-Driven Performability Analysis of
Composite Web Services -- Power and Performance -- Dynamic Server
Allocation for Power and Performance -- Workload Characterization of
the SPECpower_ssj2008 Benchmark -- Profiling, Monitoring and
Optimization -- Trace-Context Sensitive Performance Profiling for
Enterprise Software Applications -- Performance Monitoring and
Analysis of a Large Online Transaction Processing System -- Speeding
up STL Set/Map Usage in C++ Applications.

Sommario/riassunto

This book constitutes the refereed proceedings of the SPEC
International Performance Evaluation Workshop, SIPEW 2008, held in
Darmstadt, Germany, in June 2008. The 17 revised full papers
presented together with 3 keynote talks were carefully reviewed and
selected out of 39 submissions for inclusion in the book. The papers
are organized in topical sections on models for software performance
engineering; benchmarks and workload characterization; Web services
and service-oriented architectures; power and performance; and
profiling, monitoring and optimization.
