

《Formal Techniques fo》

图书基本信息

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内容概要

This book constitutes the refereed proceedings of two colocated international workshops EPEW 2005 (European Performance Engineering Workshop) and WS-FM 2005 (Web Services and Formal Methods) held in Versailles, France in September 2005. The 20 revised full papers presented were carefully reviewed and selected from 59 submissions. For EPEW 2005 only 10 papers - of the 32 submitted - were accepted for presentation; they deal with queueing theory, bounding techniques, stochastic model checking, communication schemes analysis for high-speed LAN, QOS analysis in wireless ad-hoc networks and optical networks analysis. The main topics of the 10 papers accepted for WS-FM 2005 - from 27 submissions - include: protocols and standards for WS (SOAP, WSDL, UDDI, etc.); languages and description methodologies for Choreography/Orchestration/Workflow (BPML, XLANG and BizTalk, WSFL, WS-BPEL, etc.); coordination techniques for WS (transactions, agreement, coordination services, etc.); semantics-based dynamic WS discovery services (based on Semantic Web/Ontology Techniques or other semantic theories); security, performance evaluation and quality of service of WS; semi-structured data and XML related technologies; comparisons with different related technologies/approaches.

书籍目录

Invited Speakers Performance Engineering and Stochastic Modelling Implicit Representations and Algorithms for the Logic and Stochastic Analysis of Discrete-State Systems PiDuce: A Process Calculus with Native XML Datatypes Life After BPEL?EPEW On Moments of Discrete Phase-Type Distributions Zero-Automatic Queues A Unified Approach to the Moments Based Distribution Estimation Unbounded Support Bounds for Point and Steady-State Availability: An Algorithmic Approach Based on Lumpability and Stochastic Ordering Stochastic Model Checking with Stochastic Comparison Delay Analysis of the Go-Back-N ARQ Protocol over a Time-Varying Channel Performance ~hning of Failure Detectors in Wireless Ad-hoc Networks: Modelling and Experiments Hypergraph Partitioning for Faster Parallel PageRank Computation Prediction of Communication Latency over Complex Network Behaviors on SMP Clusters A Diffusion Approximation Model of an Electronic-Optical NodeWS-FM Choreographing Security and Performance Analysis for Web Services Application of Formal Methods to the Analysis of Web Services Security Automatic Translation of WS-CDL Choreographies to Timed Automata Executable Semantics for Compensating CSP Verifying the Conformance of Web Services to Global Interaction Protocols: A First Step From Theory to Practice in Transactional Composition of Web Services Timing Issues in Web Services Composition A Compositional Operational Semantics for OWL-S.....Author Index

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