

Table of Contents

Keynote Speakers

More Research Is Indeed Needed in E-commerce; Where Were Business Academicians When We Needed Them?	1
<i>Jacques Nantel (HEC Montreal)</i>	
Cool to Critical: Managing Web Services Now	2
<i>Ellen Stokes (IBM/Tivoli Systems Management)</i>	

Panel Session

Enforcing QoS: Myth or Reality?	3
<i>Organizers: Gabi Dreo Rodosek (Leibniz Supercomputing Center), Metin Feridun (IBM Research)</i>	

Managing Quality of Service

Modeling of Service-Level Agreements for Composed Services.....	4
<i>David Daly (University of Illinois at Urbana-Champaign), Gautam Kar (IBM T.J. Watson Research Center), William H. Sanders (University of Illinois at Urbana-Champaign)</i>	
The Architecture of NG-MON: A Passive Network Monitoring System for High-Speed IP Networks	16
<i>Se-Hee Han (POSTECH), Myung-Sup Kim (POSTECH), Hong-Taek Ju (Keimyung University), James Won-Ki Hong (POSTECH)</i>	
Automated SLA Monitoring for Web Services	28
<i>Akhil Sahai (HP Laboratories), Vijay Machiraju (HP Laboratories), Mehmet Sayal (HP Laboratories), Aad van Moorsel (HP Laboratories), Fabio Casati (HP Laboratories)</i>	
Optimizing Quality of Service Using Fuzzy Control	42
<i>Yixin Diao (IBM T.J. Watson Research Center), Joseph L. Hellerstein (IBM T.J. Watson Research Center), Sujay Parekh (IBM T.J. Watson Research Center)</i>	

Measuring Quality of Service

Interaction Translation Methods for XML/SNMP Gateway	54
<i>Yoon-Jung Oh (POSTECH), Hong-Taek Ju (Keimyung University), Mi-Jung Choi (POSTECH), James Won-Ki Hong (POSTECH)</i>	
Measuring Application Response Times with the CIM Metrics Model	66
<i>Alexander Keller (IBM T.J. Watson Research Center), Andreas Köppel (SAP AG), Karl Schopmeyer (The Open Group)</i>	
Quality Aspects in IT Service Management	82
<i>Gabi Dreo Rodosek (Leibniz Supercomputing Center)</i>	

Service Architectures

Replication and Notification Management in a Knowledge Delivery Network	94
<i>Nikos Anerousis (Voicemate)</i>	
Delivering Service Adaptation with 3G Technology	108
<i>Antonio Liotta (University of Surrey), Alvin Yew (University of Surrey), Chris Bohoris (University of Surrey), George Pavlou (University of Surrey)</i>	
Remote Code Browsing, a Network Based Computation Utility	121
<i>Chris Giblin (IBM Zurich Research Laboratory), Sean Rooney (IBM Zurich Research Laboratory), Anthony Bussani (IBM Zurich Research Laboratory)</i>	

Policy and Process

Performance Study of COPS over TLS and IPsec Secure Session	133
<i>Yijun Zeng (Université du Québec Montréal), Omar Cherkaoui (Université du Québec Montréal)</i>	
A Criteria Catalog Based Methodology for Analyzing Service Management Processes	145
<i>Michael Brenner (University of Munich), Igor Radisic (University of Munich), Martina Schollmeyer (BMW Group)</i>	
A Comparative Study of Policy Specification Languages for Secure Distributed Applications	157
<i>Sandrine Duflos (Université P. & M. Curie), Gladys Diaz (Université Paris 13), Valérie Gay (Université P. & M. Curie), Eric Horlait (Université P. & M. Curie)</i>	

Fault Analysis

Two Dimensional Time-Series for Anomaly Detection and Regulation in Adaptive Systems	169
<i>Mark Burgess (Oslo University College)</i>	
A Hot-Failover State Machine for Gateway Services and Its Application to a Linux Firewall	181
<i>Harald Roelle (University of Munich)</i>	
Distributed Fault Localization in Hierarchically Routed Networks	195
<i>Malgorzata Steinder (University of Delaware), Adarsh Sethi (University of Delaware)</i>	
Author Index	209

Management Technologies for E-Commerce and
E-Business Applications

13th IFIP/IEEE International Workshop on Distributed
Systems: Operations and Management, DSOM 2002,
Montreal, Canada, October 21-23, 2002, Proceedings
Feridun, M.; Kropf, P.; Babin, G. (Eds.)

2002, XII, 216 p., Softcover

ISBN: 978-3-540-00080-8