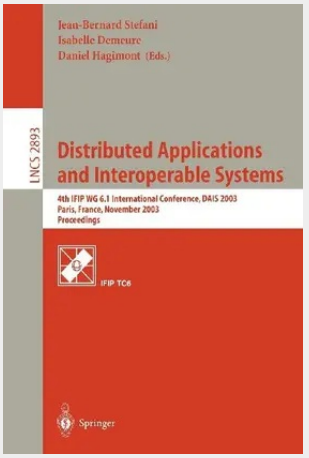
Stefani / Demeure / Hagimont

Distributed Applications and Interoperable Systems

4th IFIP WG6.1 International Conference, DAIS 2003, Paris, France, November 17-21, 2003, Proceedings



This volume contains the proceedings of DAIS 2003, the 4th IFIP WG 6.1 - ternational Conference on Distributed Applications and Interoperable Systems. The conference was held in Paris on November 17–21, 2003. The event was the fourth meeting of this conference series, which is held roughly every two years. Previous editions were held in 1997 in Cottbus (Germany), in 1999 in Helsinki (Finland), and in 2001 in Krakow (Poland). Following the evolution of the ?eld, DAIS2003 focused on models, techno- gies and platforms for recon?gurable, scalable and adaptable distributed app- cations. In keeping with this focus, the call for papers especially encouraged original unpublished papers addressing the following topics: – new/extendedsoftwarearchitecturesandframeworksforrecon?gurationand adaptation including component-based approaches (e.g., CORBA Com- nents, EJB,.NET), – modelling, specifying, monitoring and management of context-aware and adaptive applications, – support for recon?guration, self-organization and autonomic behavior in new/existing distributed platforms (e.g., CORBA, J2EE,.NET, WebS- vices), – integration of multi-agent distributed decision-making, – application environments that exploit characteristics of speci?c technologies (e.g., grid computing, mobile and wireless), – issues in enterprise-wide and large-scale application recon?guration, – semantic interoperability and semantic web services.

Session I: Adaptation - Separation of Concerns.- Towards a Framework for Self-adaptive Component-Based Applications.- A Scheme for the Introduction of 3rd Party, Application-Specific Adaptation Features in Mobile Service Provision.- Brenda: Towards a Composition Framework for Non-orthogonal Non-functional Properties.- Meta-programming Middleware for Distributed Object Computing.- Session II: Deployment.- Middleware Support for Resource-Constrained Software Deployment.- Rational Server Selection for Mobile Agents.- Facilitating the Portability of User Applications in Grid Environments.- Negotiation as a Generic Component Coordination Primitive.- Session III: Security - Transactions.- Jironde: A Flexible Framework for Making Components Transactional.- A Security Architectural Approach for Risk Assessment Using Multi-agent Systems Engineering.- Middleware Support for Non-repudiable Transactional Information Sharing between Enterprises.- Adaptable Access Control Policies for Medical Information Systems.- Session IV: Replication.- Client-Side Component Caching.- A Variable Cache Consistency Protocol for Mobile Systems Using Time Locks.- DataWarp: Building Applications Which Make Progress in an Inconsistent World.- Hand-Over Video Cache Policy for Mobile Users.- Session V: Networking and Routing.- Planning for Network-Aware Paths.- Integrating the Unreliable Multicast Inter-ORB Protocol in MJaco.- A-GATE: A System of Relay and Translation Gateways for Communication among Heterogeneous Agents in Ad Hoc Wireless Environments.- Session VI: Discovery - Context-Awareness - Ontology.- Scalable Location Management for Context-Aware Systems.- CoOL: A Context Ontology Language to Enable Contextual Interoperability.- Discovering Web Services Using Behavioural Constraints andOntology.- Requirements for Personal Information Agents in the Semantic Web.- Towards an Intuitive Interface for Tailored Service Compositions.- Session VII: Asynchronous Messaging.- Context-Based Addressing: The Concept and an Implementation for Large-Scale Mobile Agent Systems Using Publish-Subscribe Event Notification.- Exploiting Proximity in Event-Based Middleware for Collaborative Mobile Applications.- A Flexible Middleware Layer for User-to-User Messaging.

53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540205296
Medium: Buch
ISBN: 978-3-540-20529-6
Verlag: Springer
Erscheinungstermin: 10.11.2003
Sprache(n): Englisch
Auflage: 1. Auflage 2003
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 505 g
Seiten: 318
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)