

1. Record Nr.	UNINA9910412454903321
Autore	Venkatasubramanian Nalini
Titolo	Proceedings of the ACM/IFIP/USENIX 2007 International Conference on Middleware // Nalini Venkatasubramanian, Roy H. Campbell, Renato Cerqueira
Pubbl/distr/stampa	New York : , : Springer-Verlag, , 2007
Descrizione fisica	1 online resource (463 pages)
Disciplina	004
Soggetti	Computer science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Nowadays, middleware technologies are the main infrastructure to support the development and execution of distributed systems, providing design abstractions, programming models and tools, frameworks, protocols, deployment mechanisms, and runtime services. Due to its broad scope, middleware research encompasses different research areas, such as distributed systems, operating systems, networking, multimedia systems, databases, programming languages, and software engineering. This volume contains the proceedings of the Eighth Middleware Conference, held in Newport Beach, California, USA, November 26--30, 2007. Middleware is a series of conferences that started in 1998 with the aim of being the premier conference on middleware research and technology, where researchers from academia and industry can present and discuss the latest middleware results. The focus of the conference is the design, implementation, deployment, and evaluation of distributed systems platforms and architectures for future computing environments. This year, we had 108 submissions from 25 different countries, among which the top 22 papers were selected for inclusion in the technical program of the conference. All papers were evaluated by at least three reviewers with respect to their originality, technical merit, presentation quality, and relevance to the conference themes. The selected papers present the latest results and breakthroughs on middleware research in areas including peer-to-peer</p>

computing, event-based and publish/subscribe architectures, mobile and ubiquitous systems, grid and cluster computing, sensor networks, component- and Web-based middleware, virtual machines, adaptive and autonomic systems, communication protocols and architectures, scalability, fault-tolerance, quality-of-service, resource management, multimedia streaming, and novel development paradigms and tools. Middleware 2007 also featured an Experience Papers session, which consisted of papers with focus on applications and experience from the use of middleware. From the research paper submissions, four papers were invited to be presented in this session. Another eight papers were recommended for inclusion in the conference's Work-in-Progress Papers program. Apart from the papers, the program included seven workshops, a doctoral symposium, invited talks, poster and demo presentations, and panels. We hope that the attendees enjoyed this year's Middleware Conference, gained new knowledge and insights from our program, participated in the presentations and discussions, and met others working on projects similar to theirs.
