

1. Record Nr.	UNINA9910484666903321
Titolo	Adaptive Resource Management and Scheduling for Cloud Computing : First International Workshop, ARMS-CC 2014, held in Conjunction with ACM Symposium on Principles of Distributed Computing, PODC 2014, Paris, France, July 15, 2014, Revised Selected Papers // edited by Florin Pop, Maria Potop-Butucaru
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-13464-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XII, 217 p. 68 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8907
Disciplina	004.6782
Soggetti	Computer science Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes Index.
Nota di contenuto	A Multi-Capacity Queuing Mechanism in Multi-Dimensional Resource Scheduling -- A Green Scheduling Policy for Cloud Computing -- A Framework for Speculative Scheduling and Device Selection for Task Execution on a Mobile Cloud -- An Interaction Balance Based Approach for Autonomic Performance Management in a Cloud Computing Environment -- Power-efficient Assignment of Virtual Machines to Physical Machines -- Simulation of Multi-Tenant Scalable Cloud-Distributed Enterprise Information Systems -- Towards Type-based Optimizations in Distributed Applications using ABS and JAVA 8 -- A Parallel Genetic Algorithm Framework for Cloud Computing Applications.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the First International Workshop on Adaptive Resource Management and Scheduling for Cloud Computing, ARMS-CC 2014, held in Conjunction with ACM Symposium on Principles of Distributed Computing, PODC 2014, in Paris, France, in July 2014. The 14 revised full papers (including 2 invited talks) were carefully reviewed and selected from 29 submissions and cover topics such as scheduling methods and algorithms, services and applications, fundamental

models for resource management in the cloud.
