Record Nr. UNINA9910483419903321 Advances in Grid and Pervasive Computing [[electronic resource]]: First **Titolo** International Conference, GPC 2006, Taichung, Taiwan, May 3-5, 2006. Proceedings / / edited by Yeh-Ching Chung, José E. Moreira Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa 2006 **ISBN** 3-540-33810-1 Edizione [1st ed. 2006.] 1 online resource (XX, 672 p.) Descrizione fisica Theoretical Computer Science and General Issues, , 2512-2029;; 3947 Collana Disciplina 004/.36 Soggetti Computer science Algorithms Computer networks Application software Electronic digital computers—Evaluation Software engineering Theory of Computation Computer Communication Networks Computer and Information Systems Applications System Performance and Evaluation Software Engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Session 1: Best Paper Awards -- Optimizing Server Placement in Hierarchical Grid Environments -- Using OGRO and CertiVeR to Improve OCSP Validation for Grids -- Efficient Target Detection for RNA Interference -- Smart Instant Messenger in Pervasive Computing Environments -- Session 2: Grid Scheduling -- Negotiation Strategies for Grid Scheduling -- An Enhanced Grid Scheduling with Job Priority and Equitable Interval Job Distribution -- Average Schedule Length and Resource Selection Policies on Computational Grids -- A Performance-Based Approach to Dynamic Workload Distribution for Master-Slave

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## Sommario/riassunto

This book constitutes the refereed proceedings of the First International Conference on Grid and Pervasive Computing, GPC 2006, held in Taichung, Taiwan, in May 2006. The 64 revised full papers were carefully reviewed and selected from 267 submissions. The papers are organized in topical sections on grid scheduling, peer-to-peer computing, Web/grid services, high performance computing, ad hoc networks, wireless sensor networks, grid applications, data grid, pervasive applications, semantic Web, semantic grid, grid load balancing, wireless ad hoc/sensor networks, and mobile computing.