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   Disciplina   004.3/6

   Soggetti   Computers
                        Computer communication systems
                        Operating systems (Computers)
                        Software engineering
                        Application software
                        Information storage and retrieval
                        Theory of Computation
                        Computer Communication Networks
                        Operating Systems
                        Software Engineering
                        Information Systems Applications (incl. Internet)
                        Information Storage and Retrieval

   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 at the end of each chapters and
                        index.

   Nota di contenuto   The Grid: Beyond the Hype -- Session 1: Grid Service and Web Service
                        -- Session 2: Grid Middleware and Toolkits -- Session 3: Advanced
                        Resource Reservation and Scheduling -- Session 4: Grid Security --
                        Session 5: Information Grid and Knowledge Grid -- Session 6: P2P
                        Computing and Automatic Computing -- Session 7: Innovative Grid
                        Applications -- Poster.

   Sommario/riassunto   Welcome to the proceedings of GCC2004 and the city of Wuhan. Grid
                        computing has become a mainstream research area in computer

science and the GCC conference has become one of the premier forums for presentation of new and exciting research in all aspectsofgridandcooperativecomputing.

Theprogramcommitteeispleasedtopresent the proceedings of the 3rd International Conference on Grid and Cooperative Comp- ing (GCC2004), which comprises a collection of excellent technical papers, posters, workshops, and keynote speeches. The papers accepted cover a wide range of exciting topics, including resource grid and service grid, information grid and knowledge grid, grid monitoring, managementand organizationtools, grid portal, grid service, Web s- vices and their QoS, service orchestration, grid middleware and toolkits, software glue technologies, grid security, innovative grid applications, advanced resource reservation andscheduling, performanceevaluationandmodeling,computer-supportedcooperative work, P2P computing, automatic computing, and meta-information management. The conference continues to grow and this year a record total of 581 manuscripts (including workshop submissions) were submitted for consideration. Expecting this growth, the size of the program committee was increased from 50 members for GCC 2003 for 70 in GCC 2004. Relevant differences from previous editions of the conf- ence: it is worth mentioning a signi?cant increase in the number of papers submitted by authors from outside China; and the acceptance rate was much lower than for p- vious GCC conferences. From the 427 papers submitted to the main conference, the program committee selected only 96 regular papers for oral presentation and 62 short papers for poster presentation in the program.