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Grid and Cooperative Computing

Second International Workshop, GCC 2003
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Revised Papers, Part I

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Preface

Grid and cooperative computing has emerged as a new frontier of information technology. It aims to share and coordinate distributed and heterogeneous network resources for better performance and functionality that can otherwise not be achieved. This volume contains the papers presented at the 2nd International Workshop on Grid and Cooperative Computing, GCC 2003, which was held in Shanghai, P.R. China, during December 7–10, 2003. GCC is designed to serve as a forum to present current and future work as well as to exchange research ideas among researchers, developers, practitioners, and users in Grid computing, Web services and cooperative computing, including theory and applications.

For this workshop, we received over 550 paper submissions from 22 countries and regions. All the papers were peer-reviewed in depth and qualitatively graded on their relevance, originality, significance, presentation, and the overall appropriateness of their acceptance. Any concerns raised were discussed by the program committee. The organizing committee selected 176 papers for conference presentation (full papers) and 173 submissions for poster presentation (short papers). The papers included herein represent the forefront of research from China, USA, UK, Canada, Switzerland, Japan, Australia, India, Korea, Singapore, Brazil, Norway, Greece, Iran, Turkey, Oman, Pakistan and other countries. More than 600 attendees participated in the technical section and the exhibition of the workshop.

The success of GCC 2003 was made possible by the collective efforts of many people and organizations. We would like to express our special thanks to the Ministry of Education of P.R. China and the municipal government of Shanghai. We also thank IBM, Intel, Platform, HP, Dawning and Lenovo for their generous support. Without the extensive support from many communities, we would not have been able to hold this successful workshop. Moreover,our thanks go to Springer-Verlag for its assistance in putting the proceedings together.

We would like to take this opportunity to thank all the authors, many of whom traveled great distances to participate in this workshop and make their valuable contributions. We would also like to express our gratitude to the program committee members and all the other reviewers for the time and work they put into the thorough review of the large number of papers submitted. Last, but not least, our thanks also go to all the workshop staff for the great job they did in making the local arrangements and organizing an attractive social program.

December 2003

Minglu Li, Xian-He Sun
Qianni Deng, Jun Ni

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Will Globus dominate Grid computing as Windows dominated in PCs? If not, what will the next Grid toolkits looks like?

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Table of Contents, Part I

Session 1: Grid Application

Session 2: Peer to Peer Computing

Session 3: Grid Architectures

Session 4: Grid Middleware and Toolkits

Session 5: Web Security and Web Services

Table of Contents, Part II

Session 6: Advanced Resource Management, Scheduling, and Monitoring

Session 7: Network Communication and Information Retrieval

Session 8: Grid QoS

Session 9: Algorithm, Economic Model, Theoretical Model of the Grid

Session 10: Semantic Grid and Knowledge Grid

Session 11: Data Remote Access, Storage, and Sharing

Session 12: Computer-Supported Cooperative Work and Cooperative Middleware