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Preface

This volume presents the accepted papers for the 4th International Conference on Grid and Cooperative Computing (GCC 2005), held in Beijing, China, during November 30 – December 3, 2005. The conference series of GCC aims to provide an international forum for the presentation and discussion of research trends on the theory, method, and design of Grid and cooperative computing as well as their scientific, engineering and commercial applications. It has become a major annual event in this area.

The First International Conference on Grid and Cooperative Computing (GCC 2002) received 168 submissions. GCC 2003 received 550 submissions, from which 176 regular papers and 173 short papers were accepted. The acceptance rate of regular papers was 32%, and the total acceptance rate was 64%. GCC 2004 received 427 main-conference submissions and 154 workshop submissions. The main conference accepted 96 regular papers and 62 short papers. The acceptance rate of the regular papers was 23%. The total acceptance rate of the main conference was 37%.

For this conference, we received 576 submissions. Each was reviewed by two independent members of the International Program Committee. After carefully evaluating their originality and quality, we accepted 57 regular papers and 84 short papers. The acceptance rate of regular papers was 10%. The total acceptance rate was 25%.

We are pleased to thank the authors whose submissions and participation made this conference possible. We also want to express our thanks to the Program Committee members, for their dedication in helping to organize the conference and reviewing the submissions. We owe special thanks to the keynote speakers for their impressive speeches. We would like to thank the co-chairs Ian Foster and Tony Hey who provided continuous support for this conference.

Finally we would like to thank the China Knowledge Grid Research Group, especially Xiaofeng Wang, Jie Liu, Jin Liu, Chao He, and Liang Feng for their excellent work in organizing this conference.

October 2005 Hai Zhuge, Geoffrey C. Fox

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