

PREFACE

Welcome to Singapore, and to the 3rd International Workshop on Grid Computing & Applications (GCA). This is the second time that GCA is held in conjunction with GridAsia. This workshop provides a forum for discussion in both the theory and applications of grid computing among researchers, developers, and user of grid computing from academia, business and industry.

A total of 14 full papers and 4 posters are selected for presentation at this workshop. Each paper is reviewed by at least two reviewers drawn from the program committee and a number of external reviewers. Accepted papers cover fundamentals of grid computing such as workflow, scheduling, resource pricing and security, and grid applications including image filtering, rendering, digital media and bioinformatics. We hope you will enjoy the program that we put together.

GCA attendees can also attend the plenary keynote addresses at GridAsia 2007. This year's keynoters include Mark Linesch (Open Grid Forum), Prof. Carol Goble (University of Manchester), and Prof. Daniel Reed (University of North Carolina, Chapel Hill).

We would like to take this opportunity to express our deepest gratitude to all who have helped make GCA 2007 a success. In particular, we thank the program committee members and referees who provided constructive and quality reviews within a very tight schedule. Special thanks go to Jon Lau for setting up the OpenConf conference management system and in facilitating the paper review process, which greatly simplified the job of the program co-chairs. This is the first time that the proceedings is published by World Scientific and we like to express our thanks to the editorial staff at World Scientific, particularly Lim Sook Cheng and Linda Kwan, for their work in the timely production of these proceedings.

Lastly, we like to convey our sincere thanks to our corporate sponsors and to A*STAR (Agency for Science, Technology and Research, Singapore) for free usage of the workshop venue.

Enjoy the workshop, and have a great time in Singapore!

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Editors