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Editors

Gad Abraham

Benjamin I. P. Rubinstein

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For CD versions of this work contact:

Seyed M.M. (Saied) Tahaghoghi,

Coordinator for Higher Degrees by Research,

School of Computer Science and Information Technology,

RMIT University, GPO Box 2476V, Melbourne, Victoria 3001, Australia

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Foreword

It is a privilege to welcome you to the second Australian Undergraduate Students' Computing Conference (AUSCC04), at RMIT University in Melbourne. The idea of a forum for undergraduate student research was conceived by students and staff at the University of Melbourne. Their perseverance in making the conference a reality is commendable.

Once a major project is over, team members often fade away and the idea is abandoned. To avoid this, the AUSCC team instituted a steering committee that kept the idea alive, canvassed support, and managed the transition to a new group of students at another university. I have been impressed with the dedication and effort of the committee members over the past year - running a conference is a lot of work!

At the RMIT University School of Computer Science and Information Technology, we have held an internal Computer Science Research Students' Conference (CRSC) for our postgraduate research students for over a decade. We are proud to host AUSCC04 at our School in conjunction with CRSC to deliver a three-day exposition of student research.

The quality of the submissions to the conference was very high; sadly, time constraints limit the number that could be accepted. Of the thirty-two initial abstracts, twenty-six were approved for full submission. All these were then reviewed by at least two referees from tertiary institutions around the country, and twenty papers were accepted for final publication. We thank all authors and reviewers for their interest and support.

The conference will commence with nine tutorials on active research topics in Computer Science, and there is a poster session for display and discussion of ongoing work.

We know that once exposed to research, many undergraduate students catch the bug, and continue in research careers in academia or industry. We hope AUSCC will continue to inspire undergraduate students in Australia to perform world class research.

Seyed M.M. (Saied) Tahaghoghi
School of Computer Science and Information Technology
RMIT University

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