Preface

The Australasian Database Conference series is an annual forum for the discussion and dissemination of topical ideas in research, development and innovative applications of database systems. The 11th Australasian Database Conference, ADC 2000, is hosted by the Australian National University in Canberra from Monday 31 January to Thursday 3 February, as part of the Australian Computer Science Week, ACSW, which also includes a number of other important conferences.

The ongoing aim of the ADC conferences is to provide a dynamic discussion point for researchers, developers and users of database systems from particularly the Pacific region, as well as to explore recent and future research directions in this exciting field.

In 2000, this conference has once again shown itself to be a meeting of growing significance with topics including:

- Index structures and access control
- Query processing
- Handling dynamic changes
- Efficiency issues
- Non-traditional databases
- Modeling and integration issues

In response to the Call for Papers, which was disseminated globally, we received 42 papers from 15 countries in the Americas, the Middle East, Europe, and Asia with the majority of submissions coming from within Australia. The Program Committee organized the careful process of evaluating the submitted papers, and ensured that each paper was refereed by at least three expert reviewers. Consequently, 15 full papers and 4 short papers were selected for presentation at the conference and publication in this volume. In addition to the contributions from authors, this proceedings also includes short summaries of the two keynote speakers’ presentations.

On behalf of the Program Committee, I would like to express my gratitude to the authors, session chairs, and particularly the expert reviewers who provided both timely and helpful evaluations. The University of Queensland has also supported the preparation of this publication. We are also especially grateful to Dr. Chris Johnson, the Organizing Committee Chair of the Australian Computer Science Week, and to Dr. Weifa Liang for focusing his attention on the particular organizational needs of ADC 2000. Thanks are also extended to Frances Titsworth from IEEE Computer Society for her help and advice in preparing the proceedings.

Maria E Orlowska
Program Committee Chair, ADC 2000