Welcome to ASWEC 2014, the 23rd Australasian Software Engineering Conference.

After the success of ASWEC 2013 following a period of dormancy, our aim for the research programme of ASWEC 2014 was to attract high-quality papers across a broad range of topics within the general discipline of software. We feel that the papers presented here represent a cross-section of the interesting research currently being done in software in Australasia and beyond.

We considered 90 papers in total, including a number of papers that were originally submitted to the co-located WICSA conference. Paper submissions were received from authors in Bangladesh, Canada, Chile, China, Denmark, Finland, India, Italy, Germany, Macao, Malaysia, the Netherlands, Nigeria, Norway, Poland, South Africa, Turkey, the United Kingdom, the United States, Vietnam, Spain, Switzerland, and of course Australia and New Zealand. All papers were rigorously reviewed by members of the programme committee and additional external reviewers, with 207 reviews in all. Based on these reviews, we selected 29 papers for inclusion in the proceedings: 22 long papers, and 7 short papers. These papers cover a variety of fields including software architecture, requirements analysis, mobile development, software process, security and software maintenance.

Our greatest thanks go to the authors who submitted papers to the conference; there is nothing more important to a research programme than having a strong selection of papers, and without your submissions, our job would not be possible. We would also like to thank heartily the members of our program committee, as well as the external reviewers, for the timeliness and quality of their reviews. We would also like to thank the general chairs, Alan Fekete and Fethi Rabhi, and the rest of the organising and steering committees, for the input and support during the preparation of the programme.

On behalf of the programme committee, we hope you enjoy the conference, and are able to make the most of all it has to offer, be it from the technical presentations, the discussions with old colleagues and connections, or the exposure to new people and ideas.

Jim Steel & Liming Zhu

*ASWEC 2014 Research Programme Committee Chairs*