

Preface

It is our pleasure to present to you the proceedings of the 27th Australasian Database Conference (ADC2016), which took place in Sydney, Australia. The Australasian Database Conference is an annual international forum for sharing the latest research advancements and novel applications of database systems, data-driven applications, and data analytics between researchers and practitioners from around the globe, particularly Australia and New Zealand. The mission of ADC is to share novel research solutions to problems of today's information society that fulfill the needs of heterogeneous applications and environments and to identify new issues and directions for future research. ADC seeks papers from academia and industry presenting research on all practical and theoretical aspects of advanced database theory and applications, as well as case studies and implementation experiences. All topics related to database are of interest and within the scope of the conference. ADC gives researchers and practitioners a unique opportunity to share their perspectives with others interested in the various aspects of database systems.

ADC 2016 was held during September 26–29, 2016 in Sydney, Australia. As in previous years, ADC 2016 accepted all papers that the Program Committee considered as being of ADC quality without setting any predefined quota. The conference accepted 33 research papers including some invited papers, and 11 demo papers. Each paper including every invited submission was peer reviewed in full by at least three independent reviewers, and in some cases four referees produced independent reviews. A conscious decision was made to select the papers for which all reviews were positive and favorable. The Program Committee that selected the papers comprised 53 members from around the globe including Australia, Bangladesh, Canada, China, Finland, Germany, Japan, New Zealand, Qatar, Singapore, Taiwan, and the UK, who were thorough and dedicated to the reviewing process.

We would like to thank all our colleagues who served on the Program Committee or acted as external reviewers. We would also like to thank all the authors who submitted their papers and the attendees. We hope that with these proceedings, you can have an overview of this vibrant research community and its activities. We encourage you to make submissions to the next ADC conference and contribute to this community.

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