

Message from the ICDE 2013 Program Committee and General Chairs

Established in 1984, ICDE has become a premier forum for the dissemination of data management research results among researchers, users, practitioners, and developers. The 29th IEEE International Conference on Data Engineering takes place in Brisbane, QLD, Australia, from April 8 to 11, 2013. We are proud to present its proceedings.

Each of the main conference days features a keynote by a distinguished scientist: Vishal Sikka from SAP (April 9), Alon Halevy from Google (April 10) and Gustavo Alonso from ETH Zurich (April 11).

We thank all authors who submitted their work to ICDE for making the conference happen. We received 443 paper submissions for the research track, 20 submissions for the industrial track, and 69 demo proposals. The program committee was organized into 16 topic-based areas, each of which was headed by an area chair that was in charge of overseeing the evaluation of submissions assigned to that area. The area chairs were: Magda Balazinska, Panos Chrysanthis, Amol Deshpande, Xin (Luna) Dong, Alan Fekete, Vagelis Hristidis, Paul Larson, Wolfgang Lehner, Xuemin Lin, Srinivasan Parthasarathy, Jian Pei, Simonas Saltenis, Pierangela Samarati, Nesime Tatbul, Xifeng Yan, Jeffrey Xu Yu. Each submission was assigned to three reviewers from the research program committee that consisted of 144 members, the industrial program committee that consisted of 12 members, and the demo program committee that consisted of 28 members. The evaluation process had several phases: assignment of papers to reviewers, reviewing, discussions among reviewers, decision making by area chairs, consolidation of decisions, and handling of papers assigned for shepherding. As a result of these efforts, the research program features 95 papers, the industrial program 8 papers, and the demonstration program 27 demos. The conference program also includes 9 seminar tutorials and one panel. As a feature of ICDE conferences in recent years, all papers are presented at a poster session. Accompanying the main conference are 8 workshops.

The success of ICDE 2013 is in large measure the result of volunteer work by many committed scientists, all with many demands on their time, who contributed their expertise and time generously to making the conference a success.

We thank the area chairs, mentioned above, and the many program committee members for all their essential efforts. Next, we thank Sang Cha and Haixun Wang who served as industrial program chairs; Yoshiharu Ishikawa, Yanchun Zhang, and Rui Zhang who served as demo chairs; Alexandros Labrinidis who served as seminar chair; Dimitrios Georgakopoulos and Jun Yang who served as panel chairs; Chee Yong Chan and Kjetil Nørkvåg who served as workshops chairs; and the organizers of the accompanying workshops, including Gottfried Vossen and Min Wang, who chaired the Ph.D. Symposium.

We also express our deep appreciation of the outstanding work put in over many months by the organization team: Shazia Sadiq and Heng Tao Shen served as local organization chairs, Marta Indulska served as finance chair, Mohamed Sharaf served as web and publicity chair, and Jiaheng Lu and Egemen Tanin served as proceedings chairs. We thank Kathleen Williamson from The University of Queensland for assisting with coordination and a wide range of local organization tasks. Carmen Saliba and Alkenia Winston from the IEEE Computer Society's Conference Support Services helped secure the various necessary contracts in a timely manner. We are also thankful to the many student volunteers from The University of Queensland. We also wish to acknowledge the CMT team at Microsoft for their assistance.

It has been a pleasure to work with such a committed and insightful group of people who really care about ICDE and the data management research community. Without the contributions of all of these people, the conference would not have been a success.

Two committees consisting of distinguished and trusted members of the data management community are in charge of identifying the year's best ICDE paper, namely Divyakant Agrawal, Dan Suciu, Yufi Tao,

and Gerhard Weikum (chair), and the most influential paper ICDE published 10+ years hence, namely AnHai Doan, Christos Faloutsos, Donald Kossmann, Samuel Madden, and Krithi Ramamritham, with Paul Larson serving as coordinator.

We also gratefully acknowledge the financial support of our sponsors: SAP as Diamond Sponsor, Microsoft, and Tourism and Events Queensland as Platinum Sponsors, HP and The University of Queensland as Gold Sponsors, CSIRO, RMIT University, Oracle Labs, SA Center for Big Data Research at Renmin University, The University of Melbourne, and NICTA as Silver Sponsors, and Google, NEC, Facebook and The University of New South Wales as Bronze Sponsors.

Finally, we thank all presenters and conference participants. We hope you all enjoy the conference!

ICDE 2013 PC Chairs

Christian S. Jensen, Aarhus University, Denmark

Chris Jermaine, Rice University, USA

Xiaofang Zhou, The University of Queensland, Australia

ICDE 2013 General Chairs

Rao Kotagiri, The University of Melbourne, Australia

Beng Chin Ooi, National University of Singapore, Singapore