

ICDE 2018 Program Committees

Research Program Committee Chairs

Beng Chin Ooi (National University of Singapore)

Panos K. Chrysanthis (University of Pittsburgh)

Jens Dittrich (Saarland University)

Research Program Committee Vice-Chairs

AI Interaction with DB Technology

Tiziana Catarci (Sapienza University of Rome)

Big Data and Data-Warehousing System Architectures

Amr El Abbadi (UC Santa Barbara)

Crowdsourcing

Meihui Zhang (Singapore University of Technology and Design)

Benchmarking, Performance Modeling, and Tuning

Tirthankar Lahiri (Oracle)

Cloud Computing and Database-as-a-Service

Eric Lo (Hong Kong Chinese University)

Database Privacy, Security, and Trust

Adam Lee (University of Pittsburgh)

Data Science

Timos Sellis (Swinburne University of Technology)

Data Integration, Metadata Management, and Interoperability

Yannis Velegrakis, University of Trento

Data Models, Semantics, Query Languages

Rachel Pottinger (University of British Columbia)

Data Mining and Knowledge Discovery

Evimaria Terzi (Boston University)

Data Provenance, Workflows, Scientific Data Management

H.V. Jagadish (University of Michigan)

Data Stream Systems and Sensor Networks

Jonathan Goldstein (Microsoft Research)

Data Visualization and Interactive Data Exploration

Mohamed Sharaf (University of Queensland)

Distributed, Parallel and P2P Data Management

Ashraf Aboulnaga (QCRI)

High-Performance Transaction Management

Spyros Blanas (Ohio State University)

Information Extraction and Data Cleaning and Curation

Angela Bonifati (University of Lille)

Modern Hardware and In-Memory Database Systems

Shimin Chen (Chinese Academy of Sciences)

Query Processing, Indexing, and Optimization

Bin Cui (Peking University)

Scalable Analytics, Graph, RDF and Web Data, Social Networks

Evaggelia Pitoura (University of Ioannina)

Strings, Texts, and Keyword Search

Gao Cong (Nanyang Technological University)

Temporal, Spatial, Mobile, and Multimedia Data

Demetris Zeinalipour-Yatzi (University of Cyprus)

Uncertain, Probabilistic and Approximate Databases

Christian S. Jensen (Aalborg University)

Research Program Committee

Karl Aberer (École Polytechnique Fédérale de Lausanne)

Nipun Agarwal (Oracle Labs)

Divy Agrawal (University of California, Santa Barbara)

Anastasia Ailamaki (École Polytechnique Fédérale de Lausanne)

Periklis Andritsos (University of Toronto)

Manos Athanassoulis (Harvard SEAS)

Zhifeng Bao (RMIT University)
 Klaus Berberich (Max Plank Institute for Informatics)
 Sonia Bergamaschi (Università di Modena e Reggio Emilia)
 Laure Berti (Aix-Marseille University)
 Elisa Bertino (Purdue University)
 Arnab Bhattacharya (Indian Institute of Technology Kanpur)
 Sourav S. Bhowmick (Nanyang Technological University)
 Francesco Bonchi (ISI Foundation)
 Rajesh Bordawekar (IBM T. J. Watson Research Center)
 Yingyi Bu (Couchbase, Inc.)
 Lei Cao (Massachusetts Institute of Technology)
 Zhao Cao (Beijing Institute of Technology)
 Xin Cao (University of New South Wales)
 Adriane Chapman (University of Southampton)
 Surajit Chaudhuri (Microsoft Research)
 Muhammad Aamir Cheema (Monash University)
 Lisi Chen (Hong Kong Baptist University)
 Qun Chen (Northwestern Polytechnical University)
 Lei Chen (Hong Kong University of Science and Technology)
 James Cheng (The Chinese University of Hong Kong)
 Byron Choi (Hong Kong Baptist University)
 Vassilis Christophides (University of Crete & Inria Paris)
 Philippe Cudre-Mauroux (University of Fribourg)
 Khuzaima Daudjee (University of Waterloo)
 Antonios Deligiannakis (Technical University of Crete)
 Alex Delis (University of Athens)
 Alin Deutsch (University of California-San Diego)
 Xiaoyong Du (Renmin University of China)
 Ahmed Eldawy (University of California, Riverside)
 Mohamed Eltabakh (Worcester Polytechnic Institute)
 Alvaro Fernandes (University of Manchester)
 Peter Fischer (University of Freiburg)
 George Fletcher (TU Eindhoven)
 Irini Foundoulaki (ICS FORTH)
 Marco Gaboardi (University at Buffalo)
 Esther Galbrun (INRIA)
 Jun Gao (Peking University)
 Jinyang Gao (National University of Singapore)
 Yunjun Gao (Zhejiang University)
 Minos Garofalakis (Technical University of Crete)
 Wolfgang Gatterbauer (Carnegie Mellon University)
 Dimitrios Georgakopoulos (Swinsburne University of Technology)
 Michael Gertz (Heidelberg University)

Boris Glavic (Illinois Institute of Technology)
 Behzad Golshan (Recruit Institute of Technology)
 Weiwei Gong (Oracle America)
 Paolo Guagliardo (University of Edinburgh)
 Francesco Guerra (University of Modena e Reggio Emilia)
 Shenoda Guirguis (Oracle America [Oracle Labs])
 Shenoda Guirguis (LinkedIn Inc.)
 Krishna Gummadi (Max Plank Institute for Software Systems)
 Heli Helskyaho (Miracle Technologies)
 Herodotos Herodotou (Cyprus University of Technology)
 Allison Holloway (Oracle Inc.)
 Bill Howe (University of Washington)
 Vagelis Hristidis (University of California, Riverside)
 Meichun Hsu (Oracle America)
 Zhenjiang Hu (National Institute of Informatics)
 Sam Idicula (Oracle America [Oracle Labs])
 Ioana Ileana (Paris Descartes University)
 Yoshiharu Ishikawa (Nagoya University)
 Chris Jermaine (Rice University)
 Panos Kalnis (King Abdullah University of Science and Technology)
 Vana Kalogeraki (Athens University of Economics and Business)
 Murat Kantarcioglu (University of Texas at Dallas)
 Zoi Kaoudi (Qatar Computing Research Institute)
 Asterios Katsifodimos (TU Berlin)
 Tasos Kementsietsidis (Google Inc.)
 Alfons Kemper (TU Munich)
 Florian Kerschbaum (University of Waterloo)
 Dan Kifer (Pennsylvania State University)
 Birgitta König-Ries (Friedrich-Schiller-Universität Jena)
 Nick Koudas (University of Toronto)
 Vasudha Krishnaswamy (Oracle Labs)
 Jae-Gil Lee (KAIST)
 Wang-Chien Lee (Pennsylvania State University)
 Viktor Leis (Technical University of Munich)
 Hong Va Leong (The Hong Kong Polytechnic University)
 Justin Levandoski (Microsoft Research)
 Guoliang Li (Tsinghua University)
 Xuemin Lin (University of New South Wales)
 Ling Liu (Georgia Institute of Technology)
 Alex X. Liu (Michigan State University)
 Xuan Liu (Baidu Inc.)
 Hua Lu (Aalborg University)
 Qiong Luo (Hong Kong University of Science and Technology)

Shuai Ma (Beihang University)
 Ashwin Machanavajjhala (Duke University)
 Samuel Madden (Massachusetts Institute of Technology)
 Nikos Mamoulis (University of Ioannina)
 Rui Mao (Shenzhen University)
 Michalis Mathioudakis (Aalto University)
 Marta Mattoso (COPPE- Federal University Rio de Janeiro)
 Charalampos Mavroforakis (Boston University)
 Paolo Merialdo (Università degli Studi Roma Tre)
 Bernhard Mitschang (University of Stuttgart)
 Yang-Sae Moon (Kangwon National University)
 Davide Mottin (Hasso-Plattner Institute)
 Emmanuel Muller (Hasso-Plattner Institute)
 Mario Nascimento (University of Alberta)
 Raymong Ng (University of British Columbia)
 Kjetil Nøravåg (Norwegian University of Science and Technology)
 Werner Nutt (University of Bolzano)
 Esther Pacitti (U Montpelier [LIRMM])
 Olga Papaemmanouil (Brandeis University)
 Paolo Papotti (EURECOM)
 Abdul Quamar (IBM Research Almaden)
 Jignesh Patel (University of Wisconsin–Madison)
 Torben Pedersen (Aalborg University, Denmark)
 Konstantinos Pelechrinis (University of Pittsburgh)
 Antonella Poggi (Sapienza University of Rome)
 Giuseppe Polese (University of Salerno)
 Danica Porobic (Oracle Inc.)
 Jorge-Arnulfo Quiane-Ruiz (Qatar Computing Research Institute)
 Krithi Ramamritham (IIT Bombay)
 Sayan Ranu (IIT Delhi)
 Theodoros Rekatsinas (University of Wisconsin)
 Matthias Renz (George Mason University)
 Juan Reutter (Pontificia Universidad Católica de Chile)
 Mirek Riedewald (Northeastern University)
 Matteo Riondato (Two Sigma)
 Mohammad Sadoghi (University of California, Davis)
 Ken Salem (University of Waterloo)
 Semih Salihoglu (University of Waterloo)
 Pierangela Samarati (Università degli Studi di Milano)
 Prasenjit Sarkar (Datos.io)
 Thibault Sellam (Columbia University)
 Marco Serafini (Qatar Computing Research Institute)
 J. Shane Culpepper (RMIT University)

Shuo Shang (King Abdullah University of Science and Technology)
 Yanyan Shen (Shanghai Jiao Tong University)
 Hengtao Shen (University of Electronic Science and Technology of China)
 Anna Squicciarini (Pennsylvania State University)
 Kostas Stefanidis (University of Tampere)
 Ryan Stutsman (University of Utah)
 Letizia Tanca (Politecnico di Milano)
 Nan Tang (Qatar Computing Research Institute)
 Dina Thomas (Pure Storage)
 Yongxin Tong (Beihang University)
 Goce Trajcevski (Northwestern University)
 Peter Triantafillou (University of Warwick)
 Panayiotis Tsaparas (University of Ioannina)
 Vassilis Tsotras (University of California, Riverside)
 Dimitrios Tsoumakos (Ionian University)
 Anthony Tung (National University of Singapore)
 Antti Ukkonen (University of Helsinki)
 Stijn Vansummeren (Université Libre de Bruxelles)
 Nalini Venkatasubramanian (University of California, Irvine)
 Stratis Viglas (University of Edinburgh)
 Sheng Wang (National University of Singapore)
 Wei Wang (University of New South Wales)
 Wei Wang (National University of Singapore)
 Limsoon Wong (National University of Singapore)
 Akrivi Vlachou (University of Piraeus, Greece)
 Eugene Wu (Columbia University)
 Sai Wu (Zhejiang University)
 Li Xiong (Emory University)
 Jianliang Xu (Hong Kong Baptist University)
 Jeffrey Xu Yu (The Chinese University of Hong Kong)
 Xiaochun Yang (Northeastern University)
 Xiaoyan Yang (University of Illinois at Urbana–Champaign)
 Bin Yang (Aalborg University)
 Junjie Yao (East China Normal University)
 Hongzhi Yin (University of Queensland)
 Ting Yu (Qatar Computing Research Institute)
 Quan Yuan (University of Illinois at Urbana-Champaign)
 Ye Yuan (Northeastern University, China)
 Vladimir Zadorozny (University of Pittsburgh)
 Arkady Zaslavsky (Commonwealth Scientific and Industrial Research Organisation)
 Nan Zhang (Penn State University)
 Ce Zhang (ETH Zürich)
 Dongxiang Zhang (University of Electronic Science and Technology of China)

Rui Zhang (University of Melbourne)
Kai Zheng (University of Electronic Science and Technology of China)
Xiaofang Zhou (University of Queensland, Australia)
Andreas Züfle (George Mason University)

Industry and Applications Program Committee Chairs

Gustavo Alonso (ETH Zürich)
Roger Barga (Amazon, USA)
Rajeev Rastogi (Amazon, India)

Industry and Applications Program Committee

Ashraf Aboulnaga (Qatar Computing Research Institute)
Nikolaus Augsten (University of Salzburg)
Arijit Biswas (Amazon Inc.)
Prakash Comar (Amazon Inc.)
Graham Cormode (University of Warwick)
Johannes Gehrke (Microsoft Inc.)
Georgios Giannikis (Oracle Labs)
Jana Giceva (Imperial College London)
Goetz Graefe (Google Inc.)
Martin Kersten (CWI/Monet)
Hank Korth (Lehigh University)
Ingo Müller (ETH Zürich)
Anirban Majumder (Amazon Inc.)
C Mohan (IBM Research)
Marta Patino (Madrid Polytechnic University)
Holger Pirk (Imperial College)
Danica Porobic (Oracle Inc.)
Heiko Schuldt (University of Basel)
Kyuseok Shim (Seoul National University)
Lefteris Sidiourgos (ETH Zürich)
David Simmen (Splunk Inc.)
Lavanya Sita Tekumalla (Amazon Inc.)
Marcos Antonio Vaz Salles (University of Copenhagen)
Jingren Zhou (Alibaba)

Demo Chairs

Minos Garofalakis (Technical University of Crete)
Christopher Re (Stanford University)
Chee-Yong Chan (National University of Singapore)

Demo Program Committee

Lisi Chen (Hong Kong Baptist University)
Theodore Dalamagas (ATHENA Research Center)
Mohamed Y. Eltabakh (Worcester Polytechnic Institute)
Pascal Felber (University of Neuchatel)
George H.L. Fletcher (Eindhoven University of Technology)
Gabriel Ghinita (University of Massachusetts Boston)
Nikos Giatrakos (Technical University of Crete)
Yeye He (Microsoft Research)
Haibo Hu (Hong Kong Polytechnic University)
Zbigniew Jerzak (SAP)
Arijit Khan (Nanyang Technological University)
Nectarios Koziris (National Technical University of Athens)
Chengkai Li (University of Texas Arlington)
Xiang Lian (Kent State University)
Odysseas Papapetrou (École Polytechnique Fédérale de Lausanne)
Aditya Parameswaran (University of Illinois Urbana-Champaign)
Maya Ramanath (IIT Delhi)
Etienne Riviere (University Catholique de Louvain)
Assaf Schuster (Technion)
Nan Tang (Qatar Computing Research Institute)
Wei Wang (National University of Singapore)
Sai Wu (Zhejiang University)
Yingjun Wu (IBM Almaden Research)
Nikolay Yakovets (Eindhoven University of Technology)
Dongxiang Zhang (University of Electronic Science and Technology of China)
Wenchao Zhou (Georgetown University)
Yongluan Zhou (University of Copenhagen)

PhD Symposium Chairs

Alexandra Meliou (University of Massachusetts)
Cyrus Shahabi (USC)

PhD Symposium Program Committee

Claudio Bettini (University of Milan)
Selcuk Candan (Arizona State University)
Adriane Chapman (University of Southampton)
Gabriel Ghinita (University of Massachusetts, Boston)
Le Gruenwald (University of Oklahoma)
Ralf Hartmut Güting (Fernuniversität Hagen)
H V Jagadish (University of Michigan)
Wei-Shinn Ku (Auburn University)
Mohamed Mokbel (University of Minnesota)

Mirek Riedewald (Northeastern University)
Peter Scheuermann (Northwestern University)

TKDE Poster Chairs

Ihab Ilyas (University of Waterloo)
Zoi Kaoudi (Qatar Computing Research Institute)

TKDE Poster Program Committee

Ziawasch Abedjan (TU Berlin)
Lyublena Antova (Datometry)
Angela Bonifati (Lyon 1 University)
Alvin Cheung (University of Washington)
Raymond Chi-Wing Wong (HKUST)
Fei Chiang (McMaster University)
Xu Chu (Georgia Institute of Technology)
Lukasz Golab (University of Waterloo)
Alekh Jindal (Microsoft Inc.)
Konstantinos Karanasos (Microsoft Inc.)
Justin Levandoski (Microsoft Research)
Theodoros Rekatsinas (University of Wisconsin)
Semih Salihoglu (University of Waterloo)
Mohamed Sarawat (Arizona State University)
Sebastian Schelter (Amazon, Germany)
Julia Stoynavich (Drexel University)
Saravanan Thirumuruganathan (Qatar Computing Research Institute)

Lightning Talks Chairs

Stefan Manegold (CWI)
Timos Sellis (Swinburne University of Technology)

Lightning Talks Program Committee

Ashraf Aboulmaga (Qatar Computing Research Institute)
Spyros Blanas (Ohio State)
Angela Bonifati (University of Lille)
Tiziana Catarci (Sapienza University of Roma)
Shimin Chen (Chinese Academy of Sciences)
Gao Cong (Nanyang Technological University)
Bin Cui (Peking University)
Amr El Abbadi (University of California, Santa Barbara)
Jonathan Goldstein (Microsoft)
H. Jagadish (University of Michigan)
Christian S. Jensen (Aalborg University)

Adam Lee (University of Pittsburgh)
Eric Lo (Chinese University of Hong Kong)
Stefan Manegold (CWI Amsterdam)
Evaggelia Pitoura (University of Ioannina)
Rachel Pottinger (University of British Columbia)
Timos Sellis (Swinburne University of Technology)
Mohamed Sharaf (University of Queensland)
Evimaria Terzi (Boston University)
Yannis Velegrakis (University of Trento)
Demetrios Zeinalipour-Yazti (University of Cyprus)
Meihui Zhang (Singapore University of Technology and Design)