



IEEE Technical Committee on Data Engineering

What is the IEEE Technical Committee on Data Engineering?

IEEE Computer Society Technical Councils, Committees (TCs), and Task Forces (TFs) are international networks of professionals with common interests in computer technologies. Technical Committees provide a more hands-on approach to becoming involved in one's technical community.

The Technical Committee on Data Engineering (TCDE) is concerned with the role of data in the design, development, management and utilization of information systems. Topics of interest are:

- Data Management Systems and Modern Hardware/Software Platforms
- Data Models, Data Integration, Semantics and Data Quality
- Spatial, Temporal, Graph, Scientific, Statistical and Multimedia Databases
- Data Mining, Data Warehousing, and OLAP
- Big Data, Streams and Clouds
- Information Management, Distribution, Mobility, and the WWW
- Data Security, Privacy and Trust
- Performance, Experiments, and Analysis of Data Systems

The TCDE flagship conference is the International Conference on Data Engineering (ICDE). The TCDE publishes a quarterly newsletter, **The Data Engineering Bulletin**.

What is TCDE supporting?

TCDE provides travel funds for students and regularly organizes social events for our members in conjunction with conferences.

The TCDE Awards recognize outstanding researchers for their work as in the Early Career, for their Impact, and for the Service to the community.

TCDE also supports other leading conferences, namely the International Conference on Advances in Social Networks Analysis (ASONAM), the International Conference on Mobile Data Management (MDM) and the International Conference on Big Data and Smart Computing (BigComp).

Current Executive Committee Members

- Xiaofang Zhou (Chair), University of Queensland
- Masaru Kitsuregawa (Exec Vice Chair), University of Tokyo
- Malu Castellanos (Vice Chair – Conference), Teradata Aster
- Amr El Abbadi, University of California
- Anastasia Ailamaki (SIGMOD Liaison), EPFL
- Xiaoyong Du, Renmin University of China
- Paul Larson (VLDB liaison), Microsoft Research
- Wookey Lee, INHA University
- David Lomet (DE Bulletin), Microsoft Research
- Renée J. Miller, University of Toronto
- Erich J. Neuhold, University of Vienna
- Thomas Risse (Secretary), University of Hannover
- Kyu-Young Whang, DGIST/KAIST

What are my benefits and how can I participate?

- TCDE currently has over 1000 members. As a TCDE member you can easily contact and collaborate with other researchers in your field from all over the world.
- You automatically receive copies of the **Data Engineering Bulletin** without cost.
- You can organise workshops or form a sub-committee on an upcoming topic.
- Furthermore, you can easily become part of an organising committee and increase your visibility.
- TCDE membership is free, and non-IEEE members are also welcome to join.

How to join TCDE

To join TCDE, to access **Data Engineering Bulletin**, and to know more about TCDE, visit <http://tab.computer.org/tcde> or scan the QR code:



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