

- Keynotes
- Research Session 1: Data Integration
- Research Session 2: Data Privacy and Security 1
- Research Session 3: Distributed Storage and Processing
- Research Session 4: Graph and Timeseries Mining
- Research Session 5: Web Search and Crowdsourcing
- Research Session 6: Top-k and Pattern Mining
- Research Session 7: Query Processing 1
- Research Session 8: Graph Query Processing and Systems
- Research Session 9: Keyword and Top-K Processing
- Research Session 10: Query Processing 2
- Research Session 11: Strings and Texts
- Research Session 12: Recommender Systems
- Research Session 13: Similarity Search and Join
- Research Session 14: Social Network
- Research Session 15: Spatial Query Processing
- Research Session 16: Stream
- Research Session 17: RDF-Processing

- Research Session 18: System-level Techniques
- Research Session 19: Foundations of Query Processing
- Research Session 20: Graph Sampling and Matching
- Research Session 21: Trajectories
- Research Session 22: Data Privacy and Security 2
- Research Session 23: MapReduce
- Research Session 24: Query Processing 3
- Research Session 25: Graph-based Data Management
- Research Session 26: Cloud Computing
- ❖ Research Session 27: Indexing
- Industry Session 1: Main Memory Databases
- Industry Session 2: Main Memory and Stream Databases
- Industry Session 3: Big Data
- Industry Session 4: Spatial and Temporal Data
- Demo 1
- Demo 2
- Tutorials
- Application
- Panels