

Type A: Research Track

1. kNN
 - Classic kNN
 - Constraint keywords
 - k furthest
 - Reverse kNN
 - Continuous kNN
 - Aggregate kNN
 - ...
2. Skyline
 - Classic Skyline
 - Reverse Skyline
 - Constraint Skyline
 - Top-k Skyline
 - Group-by Skyline
 - ...
3. Trajectory
 - Similarity
 - Pattern Mining
 - Compression
 - Index
 - Privacy
 - Map Matching
 - ...
4. Multimedia Database
 - Text
 - Audio
 - Video
 - Image
 - High Dimension
 - ...
5. Shortest Path Algorithm
 - Contraction Hierarchy
 - 2 Hops
 - Constraint Shortest Path
 - Time Dependent / Fastest Path
 - ...
6. Spatial Data Management
 - Hadoop / Spark / ...
 - Spatial Temporal Data Management
 - ...

Type B: Implementation Track

1. Quadtree
2. Kd-Tree
3. Z-Value
4. R-Tree
5. kNN Algorithm
6. Skyline Algorithm
7. Spatial Database System Performance Testing
8. Others