

Research Overview

Approximation

[CIDR 21]

GPU Acceleration

[VLDB 18, SIGMOD 18]

Access Methods

[EDBT 21, EDBT 20,
SIGSPATIAL 19,
ICDE 18, ExploreDB 16]

Stochastic Routing

[SIGSPATIAL 22]

Spatial Data Analytics

System Architecture

[BiDS 21]

Image Search

[VLDB 22]

**Earth Observation
Analytics**

FPGA-Accelerated Sketching

[VLDB 23]

IoT

[DE4DS 23, BTW 21,
VLIoT 21, VLIoT 20]

Stream Analytics

Spreadsheet Parsing

[Information Systems 23,
DOLAP 22]

Bitmap Indexes

[SSDBM 22, SSDBM 15]

Data Exploration