Array Databases Workshop

EDBT/ICDT Satellite Event
Uppsala, 2011-mar-25

Peter Baumann, Jacobs University Bremen / rasdaman GmbH
Bill Howe, University of Washington, USA

Reviewers: Martin Kersten, Malcolm Atkinson, Yannis Ioannidis, Stefano Nativi, Alfredo Cuzzocrea, Julio Lopez, Chris Jermaine

Agenda

JACOBS UNIVERSITY

09:00 - 09:10   *welcome*

09:10 - 09:50   SciQL, A Query Language for Science Applications (M. Kersten)

09:50 - 10:30   Array Requirements for Scientific Applications and an Implementation
for Microsoft SQL Server (L. Dobos et al.)

10:30 - 11:00   *coffee break*

11:00 - 11:40   Hybrid Merge/Overlap Execution Technique for Parallel Array Processing
(E. Souroush, M. Balazinska)

11:40 - 12:20   Accelerating Computationally Intensive Queries on Massive Earth Science Data
(P. Baumann)

12:20 - 14:00   *lunch break*

14:00 - 14:40   An Overview of the HDF5 Technology Suite and its Applications (G. Heber)

14:40 - 16:00   discussion: Towards a Research Agenda for Array Databases

16:00   *end of workshop*