

# Distributed data management: polishing a round ball?

March 25, 2010

EDBT conference

# Panelists

- Serge Abiteboul (INRIA and ENS Cachan, France)
- Goetz Graefe (HP Labs, USA)
- Anne-Marie Kermarrec (IRISA, France)
- Martin Kersten (CWI, Netherlands)
- Evvagelia Pitoura (U. Ioannina, Greece)
- Dan Suciu (U. Washington, USA)

# Opening questions (1): How far have we gone?

- System R\*: 30+ years ago
- What are the distributed data management systems (DDMSs) off-the-shelf today?
- Established formal models?
- Established architectures?
- Biggest success stories?
- Which applications really needed DDMSs?

# Opening questions (2)

## What's recent?

- What is the impact of all our work in these areas:
  - Grid computing?
  - P2P networks?
  - Web services?
  - Are these over?
- An outstanding recent result you believe deserves (more) attention?

# Opening questions (3): What's next?

- Should cloud computing have been on the previous slide? :-)
- What is fundamentally new in CC?
- What is still unsolved?
- Do we mostly need:
  - Theory?
  - Systems?
  - Practical applications?