

INS1 – Database Architectures & Information Access *(before 2009)*

Stefan Manegold	<i>(group leader since 2011)</i>
Martin Kersten	<i>(group leader before 2011)</i>
Peter Boncz	
Niels Nes	<i>(manager ITF since 2009)</i>
Stratos Idreos	<i>(tenure track since 2010)</i>
Arjen de Vries	<i>(INS2 since 2009)</i>

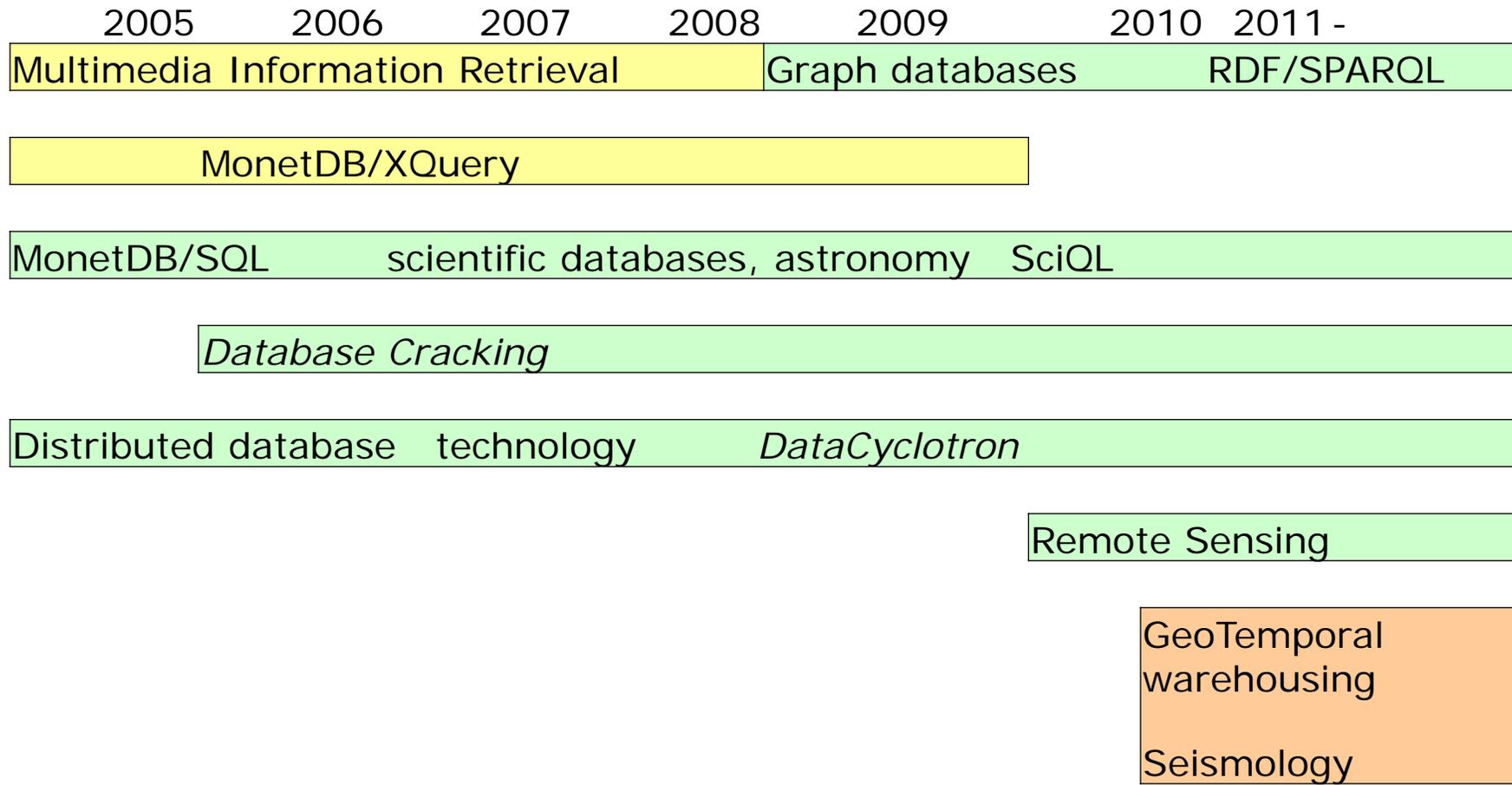
Research area & long-term goal

- Fundamental system-oriented database architecture research
- Advance database technology to address large-scale data management challenges in science

(Science, 11 February 2011)



Research heliview



Trophy chest

- High level of project funding, software dissemination
- 6 PhD's, 1 professorship (1 pending)
- Several best-paper awards, keynotes, community services
- CACM invitation for Research Highlights (2008)
- VLDB 2009 10-year Best Paper Award
- First European group to receive ACM SIGMOD Jim Gray Doctoral Dissertation Award (2011)

Strengths

- Complementary individual scientific strengths
- Distinctive team “branding”
- Balance between fundamental research and system development
- Large and diverse network in and beyond database community
- Dissemination to science, economy and society via *open-source*



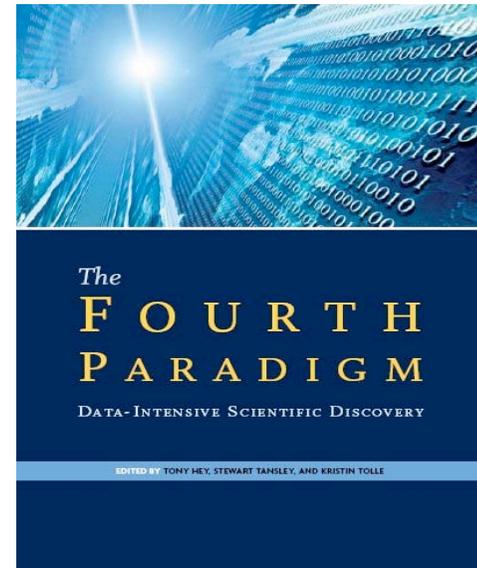
Weaknesses

- Complex experimental computer science environment forms high threshold to get newcomers involved



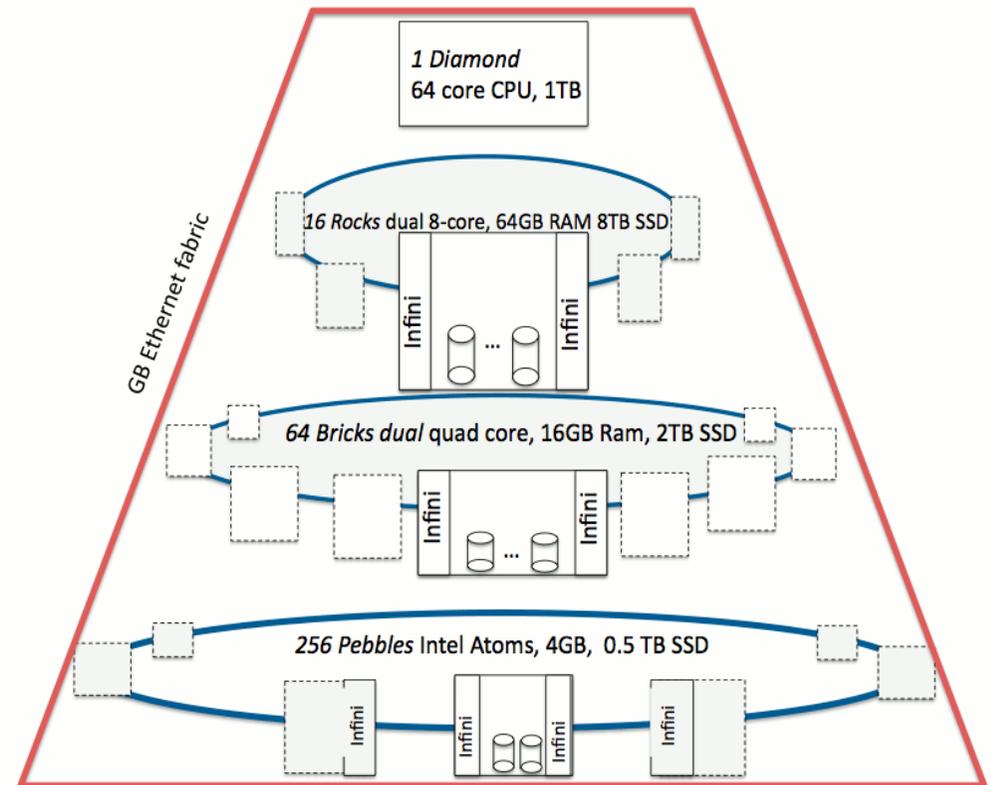
Opportunities

- Healthy project portfolio
(vacancies:
5 PhD, 1 postdoc)
- Expanding towards
e-science challenges
- Build innovative
database machine



Threats

- Tough competition for research & engineering skills
- Active and growing user community (>10000 downloads per month)



INS1 is well positioned for the next 5 years

