Hot Topics (Databases)

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Top Conferences

- System
  - SIGMOD
  - VLDB
  - ICDE

- Theory
  - PODS
  - ICDT

- Renegade
  - CIDR
Hot Topics

• Analytics
  – Column stores
  – Main-memory Databases
  – Solid state memory
  – MapReduce
Top Institutions

• Powerhouses
  – Stanford, Berkeley, Wisconsin, UIUC

• Boutique groups
  – MIT, CMU, Cornell, UCSD, U Washington, U Penn, INRIA (France)

• Industrial research
  – IBM, Microsoft, Yahoo
UCSD Faculty

Victor Vianu

Alin Deutsch

Yannis Papakonstantinou

Theory

Systems

ACM Fellow

• XML-QL
• Chase Algorithm

• Verification of database-driven systems
  • Web services
  • Web applications
  • Business processes

• Do-It-Yourself Platform
• Privacy