Cornell University
Department of Computer Science
Colloquium

Thursday, September 4, 2003
4:15 p.m.   B17 Upson Hall

Dennis Shasha
New York University

ACTIVIST DATA MINING

Instead of waiting for data to appear and using statistics and rule mining to analyze it, computational scientists can work with domain scientists to propose a small but nicely-covering sample of experiments, evaluate the results and propose a refined set. The underlying technology includes two-factor combinatorial design, circuit inference, and fast algorithms for time series analysis. This talk discusses these tools in the context of a series of case study collaborations with biologists and physicists.

Joint work with Gloria Coruzzi, Allen Mincer, and Yunyue Zhu.

Refreshments will be served in the 4th Floor Atrium of Upson Hall at 3:45 p.m.
No food or drinks are allowed in B17 Upson Hall.

www.cs.cornell.edu/colloquium/2003fa/