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- **Biography (active tab)**

Dr. Sakti Pramanik's research interests include genomic information processing systems, scientific databases, logic systems, expert database systems, temporal logic and reasoning, database systems for space and time, distributed databases, parallel algorithm and architectures for database, adaptive algorithm for dynamic problems, database structures and formal grammars, and information theoretic approaches to performance optimization in computer networks.

- **Publications**

"Space-Partitioning-Based Bulk-Loading for the NSP-Tree in Non-ordered Discrete Data Spaces," DEXA 2008, September 1-5, Turin, Italy, Gang Qian, Hyun-Jeon Seik, Qiang Zhu, Sakti Pramanik.

"The C-ND Tree: A Multidimensional Index for Hybrid Continuous and Non-ordered Discrete Data Spaces NSP-Tree in Non-ordered Discrete Data Spaces," EDBT-2009, Saint-Petersburg, Russia, March 23-26, Changqing Chen, Sakti Pramanik, Qiang Zhu, Alok Watve, Gang Qian.

"Bulk-Loading the ND-Tree in Non-ordered Discrete Data Spaces," Best Paper Award, 13th International Conference, DASFAA 2008 (pp. 156-172), New Delhi, India, Hyun-Jeon Seik, Gang Qian, Qiang Zhu, Alexander R. Oswald and Sakti Pramanik.

"On k-Nearest Neighbor Searching in Non-Ordered Discrete Data Spaces," IEEE International Conference on Data Engineering (ICDE-07), April 16-20, 2007, Istanbul, Turkey, Dashiell Kolbe, Qiang Zhu and Sakti Pramanik.

- **Education**

Ph.D., Computer Science, Yale University 1974

M.S., Electrical Engineering, University of Alberta 1969

B.S., Electrical Engineering, Calcutta University 1966

- **Departments**

Computer Science and Engineering, Michigan State University