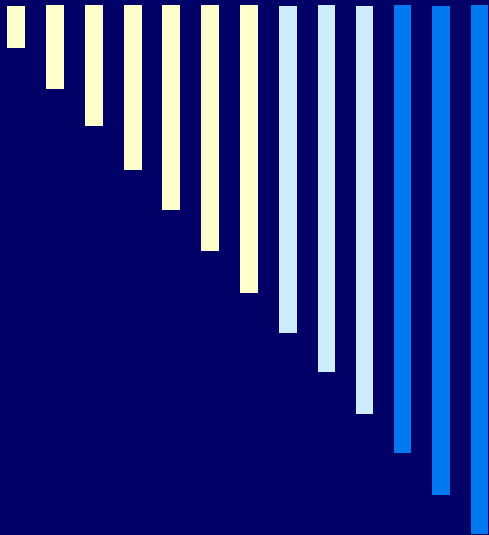


ISCI Seminar Series 2006



A Learning-Based Approach for Algorithm Selection

The algorithm selection problem aims at selecting the best algorithm for a given computational problem instance according to some characteristics of the instance. In this talk we will look at a machine learning-based inductive approach using experimental algorithmic methods and machine learning techniques to solve the algorithm selection problem. Experimentally, we have applied the proposed methodology to algorithm selection for the MPE (Most Probable Explanation) problem and the result will be presented.

Speaker: Dr. Hai-peng Guo
Time: 2:00 pm - 4:00 pm,
Sep. 14th, 2006
Venue: A103, LiZe Building