

abstract

COMPUTER SCIENCE/DISCRETE MATH II

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

Consensus clustering is the problem of aggregating a list of clusterings of ground data into one clustering. I will present new approximation algorithms for this problem, building on techniques used for ranking problems (described in my previous talk). I will then discuss hierarchical clustering, a special type of metric embedding problem relevant to phylogeny, and will present new algorithms.

I will repeat all relevant definitions and results from my previous talk.

Based on work with Moses Charikar and Alantha Newman.