

EPSTEIN INSTITUTE SEMINAR ▪ ISE 651

PROBABILISTIC ANALYSIS OF THE TSP

ABSTRACT – We review some old and new results on randomly generated instances of the Traveling Salesperson Problem. We consider two basic scenarios. One where the vertices are random points in Euclidean space and we use euclidean distance as cost. In the second, we assume that the costs are independently generated. The two models are rather different.



Dr. Alan Frieze

Professor

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SPEAKER BIO – Alan Frieze is one of the world's leading experts on random graphs and the probabilistic method in combinatorics. He is a Professor at the Department of Mathematical Sciences at Carnegie Mellon University in Pittsburgh. He has numerous awards and distinctions, including the Fulkerson prize in 1991, and he is a Guggenheim Fellow, AMS Fellow, SIAM Fellow, and Simons Fellow.

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TUESDAY, JANUARY 30, 2018

3:30PM – 4:50PM

USC ANDRUS GERONTOLOGY CENTER (GER), Room 206