



THE CHINESE UNIVERSITY OF HONG KONG
Department of Information Engineering

Seminar

Analysis of Networked Auctions

by

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Date : 21 February, 2013 (Thur.)
Time : 4:00-5:00pm
Venue : Room 833, Ho Sin Hang Engineering Building
The Chinese University of Hong Kong

Abstract

Auctions are now a standard fixture of the web and are routinely used in assigning space on commercial and other web sites. They have also been frequently suggested as convenient means for making decisions in a distributed manner. Our talk will show how methods similar to the ones used in queueing networks can be used to predict prices, income and other measures of interest in such auctions. The approach will also allow the evaluation of the impact of network QoS on economic outcomes.

Biography

Erol Gelenbe is known for his work in areas such as computer system performance evaluation, networking and more recently bioinformatics. He has also invented new queueing network models known as G-networks. A Fellow of IEEE and of ACM he has won several technical awards, and has been elected to several national academies. He currently coordinates the EU FP7 research project NEMESYS on Mobile Network Security, and is active in several other funded projects.

**** ALL ARE WELCOME ****