

UNIVERSITY OF SYDNEY

SCHOOL OF MATHEMATICS AND STATISTICS

Statistics Seminar

Friday, 9 September, 2.00pm

Carslaw 173

To Queue or not to Queue: Equilibrium Behavior in Queueing

**Professor Moshe Haviv,
The Hebrew University of Jerusalem.**

Abstract

The talk presents some queueing models in which selfish customers are the decision makers. The solution concept to adopt is Nash equilibrium. The resulting behavior is compared with social optimization namely, where behavior is controlled by a central planner. The models surveyed will include balking and reneging, absolute and relative priority purchasing, and others if time permits.

The talk is based in a book, co-authored with Refael Hassin, which bears the same title and that was published in 2003 by Kluwer.

Enquiries about the Statistics Seminar should be directed to
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