

# UK MATH CLUB

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Will speak on

## Optimization Problems of Just-in-Time Supply Systems

The talk will describe some of the optimization problems encountered in Just-in-Time delivery systems now commonly used in manufacturing.

Toyota has used this delivery system to essentially eliminate inventory at its manufacturing plants. The zero inventory system reduces costs and allows them to rapidly respond to problems with parts. However, the tradeoff is increased complexity in scheduling for delivery, and hence the optimization problems are more difficult than those that occur in conventional delivery systems.

4 pm, Monday,  
26 March 2001  
CB349

## Pizza and math!

<http://www.ms.uky.edu/~mathclub>