

Department of Mathematics and Computer Science

Friday, October 4, 2019, 4:10 pm

COLLOQUIUM TALK

**Speaker: Andrew Wrobel (formerly of the London School of
Economics)**

Old Main 2210

Optimization and Economic Equilibrium in Commodity Spaces of Bounded Functions

Abstract:

The mathematical techniques discussed at the talk will include: duality in optimization (linear and convex programming, control of an ordinary differential equation), convex calculus, topological methods in optimization (continuity of solution in parameters, existence of fixed points), Hardy-Littlewood-Polya majorization, and various uses of linear functional analysis (bounded or mixed topologies, vector lattices).

SNACKS IN FACULTY LOUNGE AT 3:30 PM.
EVERYONE WELCOME (EVEN IF YOU ARE UNABLE TO ATTEND THE TALK)
