



Joint EEN/Crawford School Seminar

12:30pm, Thursday 8 February 2007

Venue: Crawford School for Economics and Government, in Seminar Room 1, 2nd Floor, Crawford Building (13), Ellery Crescent, ANU, Canberra.

John Livernois, University of Guelph, Canada

The Abatement Cost Function for Motor Vehicle Pollution Emissions: Evidence from Canada

Abstract: Vehicle inspection and maintenance programs, now used in many countries, require in-use vehicles to be tested regularly to determine whether they are in compliance with air emission standards. The purpose of this paper is to estimate the abatement cost function associated with these programs. We do this by constructing a model of the statistical process that leads to non-compliance and by parameterizing the model with data from a major urban testing program. Our model suggests that the marginal abatement cost at current levels of abatement is so high that even a modest reduction of the abatement target leads to substantial cost savings.

For further information, email robyn.walter@anu.edu.au. No booking needed to attend the seminar; just show up; <http://campusmap.anu.edu.au> gives directions.