

Economics Seminar, Indian Statistical Institute, New Delhi

SPEAKER: Ralph Winter, University of British Columbia

TITLE: Innovation and the Dynamics of Global Warming

DAY AND DATE: 11:30 AM, Friday, 28th January, 2011

VENUE: Seminar Room 2, ISI Delhi

ABSTRACT

(1) Global warming and greenhouse gases are a dynamic system with positive feedback effects.
(2) Fossil fuels are an exhaustible resource. These two facts mean that in the most basic of models, innovation in clean energy technology makes the global warming problem worse, not better. This paper explores the impact of innovation and its interaction with carbon taxes in the simplest model linking the theory of exhaustible resources with the dynamics of global warming.