



Seminari di Probabilità e Statistica
Dipartimento di Matematica
Università di Torino

Martedì 08 aprile 2008 alle ore 15 in aula C

nell'ambito del progetto

**"Joint activities between the Mathematics Department of Torino
University and Lund University"**

Il Prof. Mario Natiello

Centre for Mathematical Sciences, Lund University

terrà il seminario

Stochastic and Deterministic Population Dynamics

Abstract.

The aim of this talk is to discuss the relation between stochastic population processes and their

"deterministic limit".

* To what extent the "limit" represents the original stochastic process?

* Where are there common features in process and "limit"?

* When do they differ and why?

* What use can we make of the limit to understand the stochastic process?

We will consider these questions shifting between a general view and specific examples.

This is a joint work with Prof. H. Solari (Buenos Aires, Argentina).