

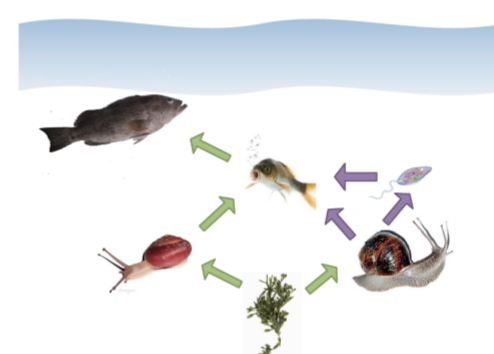
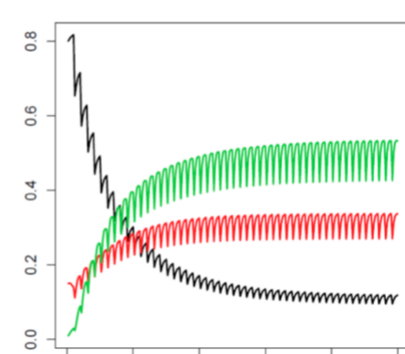
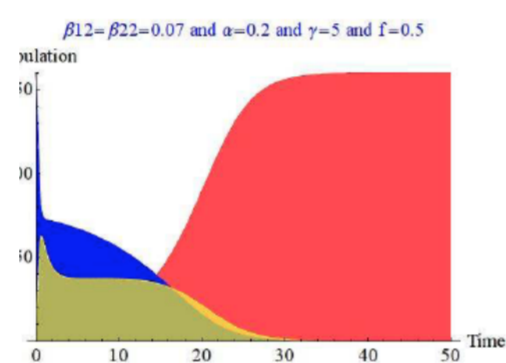
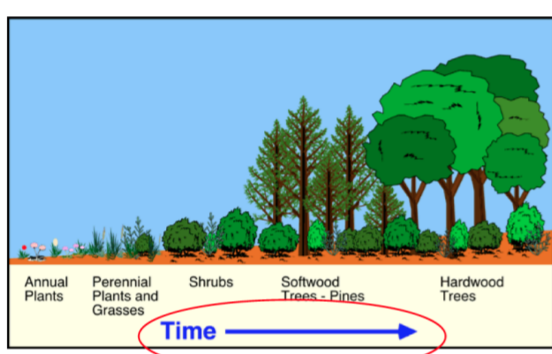
São Paulo International Schools on Theoretical Physics



II Southern-Summer School on Mathematical Biology

January 21 - February 2, 2013

Instituto de Física Teórica - UNESP - São Paulo, Brazil



This school is aimed at graduate students in Physics, Mathematics, Ecology and Epidemiology, having at least a basic knowledge of calculus and differential equations. The first week will be a basic course on population biology, which is strongly based on modeling exercises. The second week will consist of three advanced courses on up-to-date topics in ecology and epidemiology. It is possible to apply for participation either for one or two weeks. Undergraduate students with exceptional records are also encouraged to apply. Limited funds are available for travel and local expenses.

There is no registration fee.

Lecturers:

Roberto Kraenkel – Institute for Theoretical Physics (Univ Estadual Paulista) – **Introduction to Population Biology**

Christina Cobbold – School of Mathematics and Statistics (University of Glasgow – Scotland-UK)
Spatial models in ecology

Gabriela Gomes – Instituto Gulbenkian de Ciência (Oeiras-Portugal)
Mathematical Models and Control Strategies of Infectious Diseases

Ophélie Ronce – Institute of Sciences of Evolution of Montpellier/ Metapopulations, Conservation and Coevolution Group (Montpellier-France) – **Evolution of structured populations**

Organizers: **M. Clerc** (Santiago), **R. Kraenkel** (São Paulo), **P.I. Prado** (São Paulo).

The online application form and more information can be found at:

www.ictp-saifr.org/mathbio2

The application deadline is **November 25, 2012.**

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