

# São Paulo International Schools on Theoretical Physics



## Southern-Summer School on Mathematical Biology

*16 - 29 January, 2012*  
*IFT-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 also includes modelling exercises. The second week will be an advanced school on up-to-date topics in ecology and epidemiology. Candidates may apply either for one or two weeks. Students in the last year of their undergraduate studies can also apply. Limited funds are available for travel and local expenses. **There is no registration fee.**

### Lecturers:

**R. Kraenkel** - IFT-UNESP (São Paulo)  
**Introduction to Population Biology**

**P. Amarasekare** - Univ. of California (Los Angeles)  
**Population and Community Dynamics**

**V. Colizza** - Univ. Pierre et Marie Curie (Paris), ISI Foundation (Turin)  
**Epidemics on Networks**

**F. Lutscher** - Univ. of Ottawa (Canada)  
**Mathematical Models of Spatial Ecology**

### 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/mathbio](http://www.ictp-saifr.org/mathbio)**

The application deadline is **15 November 2011**.



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