

MINI-COURS DE PROBABILITÉ

Mardi 29 juin 2004 de 10h15 à 12h00
Mardi 6 juillet 2004 de 10h15 à 12h00
[MA 31](#), EPFL, Ecublens

Prof. R. Schinazi

University of Colorado

Interacting Particle Systems in Population Biology

Compléments
[Annonce officielle](#)
[MathSciNet](#)

Résumé

This course aims to introduce researchers to some spatial models in population biology. Each model is motivated by a concrete biology hypothesis. The backbone of the course are recent articles by Professor Schinazi addressing the spread of infectious diseases. The models are typically simple minded and are intended to lead to qualitative predictions rather than quantitative.

The basic underlying process will be the contact process. The emphasis will be on explaining the main ideas rather than technical issues. The hope is that the listener whose main interest is outside of mathematics can achieve a

good understanding of the behaviour of
the models.

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