

MATHEMATICS AND BIOLOGY: A READINET SEMINAR DAY

INSTITUT JACQUES MONOD - Seminar Room "François JACOB" (RB 18 B)
Wednesday June 24th, 2015

Organized by: D. HILHORST, University Paris-Sud
K. PAKDAMAN and M. TAKI, Institute Jacques Monod, CNRS, University Paris Diderot

PROGRAM

- | | |
|--------------|---|
| 10h15-10h45 | Hiroshi MATANO, <i>Front propagation in an anisotropic Allen-Cahn equation</i> |
| 10h45-11h00 | Coffee break |
| 11h00-11h30 | Vincent CALVEZ, <i>Evolution in age-structured population: maladaptation to a changing environment</i> |
| 11h30-14h00 | Lunch |
| 14h00-14h30 | Nicolas MEUNIER, <i>A minimal model for cell migration</i> |
| 14h35-15h05 | Pascal MAILLARD, <i>Branching Brownian motion with selection: a probabilistic front propagation model</i> |
| 15h05-15h35 | Coffee break |
| 15h35 -16h05 | Thanh Nam NGUYEN, <i>Large time behavior for a nonlocal ordinary differential equation - Generation of interface for the mass conserved Allen-Cahn equation</i> |
| 16h10-16h40 | Thomas GILETTI, <i>Sharp threshold phenomena arising in shifting reaction-diffusion equations</i> |

