

Reaction-diffusion Systems in the Life Sciences

Le jeudi 20 juillet 2017 au Bâtiment 425 en salle 113-115

Journée organisée par

Jan Elias et Danielle Hilhorst

10h00 - 10h30, Hiroshi Matano (The University of Tokyo)

Front propagation in the hyperbolic space

10h35 - 11h05, Thomas Giletti (Université de Lorraine)

Travelling wave for a non-monotone delayed reaction-diffusion equation

11h25 - 11h55, Yihong Du (University of New England)

Free boundary models for mosquito range shift caused by climate change

12h00 - 12h20, Hyowon Seo (KAIST, Daejeon)

Anisotropic diffusion for the vineyard environment

14h45 - 15h15, Alexandre Thorel (Université du Havre)

Transmission problem in population dynamics

15h20 - 15h50, Yong Jung Kim (KAIST, Daejeon)

Discontinuous reaction and free boundaries

16h10 - 16h30, Jieun Choi (KAIST, Daejeon)

Pattern formation in predator-prey systems with extinction dynamics

16h35 - 17h05, Jan Elias (University of Graz)

On a reaction-diffusion-ODE model for farmers and hunter-gatherers