FIRST Seminar Day around Desertification

Laboratoire de Mathématiques, Université de Paris-Sud (Bât. 425),
Salle du 3ème étage, Tuesday November 6th, 2012
organized by
D. Hilhorst, T.N. Nguyen and H.C. Vu Do

10.00–10.25: Jens Rademacher
Stability boundaries of wave train patterns

10.30–10.55: Elisabeth Logak
Travelling wave solutions and related results about
the Gray-Scott model

10.55–11.20: Coffee break

11.20–11.45: Rafal Celinski
Asymptotic results to the model of formation chemotactic
E. Coli colonies

11.50–12.15: Eric Siero
Wave trains and stability for parabolic quasilinear PDEs

12.20–12.45: Thanh Nam Nguyen
Formal asymptotic limit of diffuse-interface tumor-growth
models

12.45–14.30: Lunch

Spatially localized patterns and the Hopf dance at
the boundary of the Busse balloon

15.00–15.25: Paris Kyriazopoulos
Dynamics of a reaction-diffusion system modeling
interspecific competition in plant communities