

March 19, Sunday

8:30-8:45 Introduction and welcome

8:45-9:35 Cabre "Reaction-diffusion equations and minimal surfaces I"

9:45-10:35 Serfaty "Dynamics of Ginzburg-Landau vortices I"

Coffee break

11-11:30 Aftalion "Vortex lattices in fast rotating Bose Einstein condensates"

11:30-12:00 Domelevo "Some spray flames problems"

2:00-2:30 Nakamura "Speed of propagation of traveling fronts in periodic media governed by a bistable nonlinearity"

2:30-3:00 Guo "A two-point free boundary problem for a quasilinear parabolic equation"

3:00-3:30 Mellet "On the homogenization of some free boundary problems"

3:30-4:00 Coffee break

4:15-4:45 Kiselev "Diffusion and mixing in fluid flow"

4:45-5:15 Zlatos "Spreading of reaction in the presence of strong cellular flows with gaps"

5:30-6:00 Nolen "Reaction diffusion fronts in temporally inhomogeneous flows"

March 20, Monday

8:45-9:35 Cabre "Reaction-diffusion equations and minimal surfaces II"

9:45-10:35 Serfaty "Dynamics of Ginzburg-Landau vortices II"

Coffee break

11:00-11:30 Soner "Backward stochastic differential equations and fully nonlinear PDE's"

11:30-12:00 Haragus "Holes in oscillatory wave propagation"

12:00 Group photo

1:00-2:00 Tour of the center

2:30-3:00 Coffee break

3:00-3:30 Lewicka "Traveling waves in Boussinesq reactive flows"

3:30-4:00 Novikov "A homogenization approach to large-eddy simulation of incompressible fluids"

4:15-4:45 Stevens "Transport equations for cellular alignment and aggregation and their parabolic limits"

4:45-5:15 Rossi "Generalized principal eigenvalue for elliptic operators in R^N and applications"

5:30-6:00 Ghoussoub, "On PDEs arising from Electrostatic Micro-Electromechanical Systems"

March 21, Tuesday

8:45-9:35 Berestycki "Reaction-diffusion fronts in inhomogeneous media I"

9:45-10:35 Freidlin "Asymptotic problems for stochastic processes and RDE's I"

Coffee break

11:00-11:30 Savin "Small perturbation solutions for elliptic equations"

5:00-5:30 Gui "Quadruple junction solutions in R^3 "
5:30-6:00 Kosygina "Homogenization of Hamilton-Jacobi-Bellman equations with respect to time-space shifts in a stationary ergodic medium"

7:30-8:00 Owhadi "Homogenization of parabolic equations with a continuum of space and time scales"

8:00-8:30 Quastel "Effect of noise on KPP traveling fronts"

March 22, Wednesday

8:45-9:35 Souganidis TBA I

9:45-10:35 Freidlin "Asymptotic problems for stochastic processes and RDE's II"

Coffee break

11-11:30 Brauner, "Large Weakly nonlinear asymptotics of the $\kappa - \theta$ model of cellular flames: the Q-S equation"

11:30-12:00 Luckhaus "A hierarchy of scalings in a population model for tumor growth"

3:15-3:45 Coffee break

3:45-4:15 Coville "Maximum Principles, Sliding Techniques and applications to nonlocal equations"

4:15-4:45 Ward "Eigenvalue Optimization, Spikes, and the Neumann Green's Function"

5:00-5:30 Doelman "Nonlinear asymptotic stability of the semi-strong pulse dynamics in a regularized Gierer-Meinhardt model"

5:30-6:00 Gordon "Propagation of fronts in porous media combustion"

7:30-8:00 Polacik, "On asymptotic positivity and asymptotic symmetry of solutions parabolic equations on nonsmooth domains"

8:00-8:30 Matano TBA

March 23, Thursday

8:45-9:35 Souganidis TBA II

9:45-10:35 Berestycki "Reaction-diffusion fronts in inhomogeneous media II"