

Tuesday:

15.00-16:00 **Uniform exponential convergence to quasi-stationary distributions for general absorbed Markov processes** (Champagnat)

16.00-16.30 Coffee-break

16:30-17:30 **Non-failable approximation method for conditioned distributions** (Villemonais)

17:30-18.30 **Invariance entropy in control theory and quasi-stationarity** (Colonius)

18.30-19.00 **Open Problems** (all)

Wednesday:

9:00-10.00: **Killed diffusions and MCMC** (Steinsaltz)

10.00-11.00: **Optimal approximation of processes with stationary increments** (Kabluchko)

11.00-11.30: Coffee-break

11.30-12.30: **Boundary conditions for geometric Kramers-Fokker-Planck operators** (Nier)

12.30-13.30: Lunch break

13.30-14.30: **Central Limit Theorem for Fleming-Viot Particle Systems with Hard Killing** (Cerou)

14.30-15.30: **Metastability: a journey from stochastic processes to semiclassical analysis** (Lelievre)

15.30-15.45 Coffee-break

15.45 - 16.45: **Metastability and the Eyring Kramer's law** (Nectoux)

17.30: Excursion and dinner

Thursday:

9.00-10.00: **Stochastic approximation and Quasistationary Distributions** (Cloeze)

10.00-11.00: **Particle methods for sampling for some quasi-stationary problems** (Kantas)

11.00-11.30: Coffee-break

11.30-12.30: **Bayesian Inference (for Big Data) using Quasi-Stationary Monte Carlo** (Pollock)

12.30 -13.00: Open Problems (Theory, Simulation and applications)