

## Program Amphithéâtre Maurice Halbwachs

### Thursday 9

10:00

Short break

10:10

Contributed talks

Proposed Chair: xxx

:10

Sergey Gavrilets: *Collective action and the collaborative brain*

:30

Gereon A. Kaiping: *Economics and Genetics: How market-structured migration modifies domestic animal evolution*

:50

Thomas Garcia: *Evolutionary coupling of sociality and cooperation in microbial populations*

11:10

Coffee break

11:40

Contributed talks

Proposed Chair: Shmuel Gal

:40

Sumithra Sankaran: *Characterising patchiness and scale of interactions in semi-arid vegetation patterns*

:00

Robin Mills: *Evolution of the stoop of falcons in a model of bird flight*

:20

Sabiha Majumder: *A method to estimate the threshold of critical transitions in ecosystems using spatial data*

12:40

Lunch

14:00

Mini-symposium

Adaptation in a changing environment

Chairs: Sebastian Matuszewski and Michael Kopp

:00

Reinhardt Bürger: *Epistasis, mutational architecture, and the response to selection of complex traits*

:30

Luis-Miguel Chevin: *Stochastic evolutionary demography under a fluctuating optimum phenotype*

15:00

Short break

15:15

:15

Jason Bertram: *A population-genetic model of long-term adaptation and extinction*

:35

Frédéric Guillaume: *Limits of adaptation of multiple characters to shifting environmental gradients*

:55

Samuel Alizon: *Parasite evolutionary emergence: importance of population dynamics feedbacks*

16:15

Coffee break