



INSTITUTE for
ADVANCED
S T U D Y in
TOULOUSE



LERNA
Laboratoire d'Economie
des Ressources Naturelles

The Toulouse Economics and Biology Workshop

Thursday 23 May and Friday 24 May, 2013

organized by
Ingela Alger and Jörgen Weibull

Manufacture des Tabacs – S Building – Room MS001
1 rue des Amidonniers – 31015 Toulouse Cedex 06 – France



Thursday 23 May, 2013

08:30-08:50 **Welcome Coffee** **(Hall S Building)**

Morning session

Chair: François Salanié

08:50-09:00 **Opening**
Ingela Alger (*TSE, CNRS, LERNA and IAST*)

09:00-10:00 **Étienne Danchin** (*Évolution et Diversité Biologique, Toulouse*)
Information & inheritance – multiple mechanisms of inheritance of behavior

10:00-11:00 **Colin Camerer** (*California Institute of Technology*)
Important biological principles for economics, illustrated by game theory data

11:00-11:30 **Coffee Break** **(MS 002)**

11:30-12:30 **Peyton Young** (*University of Oxford*)
Rapid innovation diffusion with local interaction

12:30-14:00 **Lunch** **(MS 002)**

Afternoon session

Chair: Michael Hochberg

14:00-15:00 **Isabelle Brocas** (*University of Southern California*)
A neuroeconomic theory of self-control

15:00-16:00 **Arthur Robson** (*Simon Fraser University*)
The evolution of “theory of mind”

16:00-16:30 **Coffee Break** **(MS 002)**

16:30-17:30 **Hanna Kokko** (*Australian National University*)
Is Mother Nature shortsighted?

17:30-18:30 **Ernst Fehr** (*University of Zürich*)
Intergroup conflict and reciprocity are mutually reinforcing – an empirical study of the ultimate origins of human altruism

19:30 **Dinner (by invitation only)**

Friday 24 May, 2013

08:30-09:00 **Welcome Coffee** **(Hall S Building)**

Morning session

Chair: Paul Seabright

09:00-10:00 **Alan Grafen** (*University of Oxford*)
Game theory and biology: interactions

10:00-11:00 **Ted Bergstrom** (*University of California Santa Barbara*)
Models of assortative matching

11:00-11:30 **Coffee Break** **(MS002)**

11:30-12:30 **François Rousset** (*Institut des Sciences de l'Évolution, Montpellier*)
Understanding the fitness of social traits, an approach through examples

12:30-14:00 **Lunch (MS002)** **and** **Poster Session (MS003)**

Andrei Akhmetzhanov (*Université Montpellier 2*)

Effects of locality and mixing in threshold models of social behavior

Tamàs David-Barrett (*University of Oxford*)

Solution to the collective action paradox within a behavioural synchrony framework

Samuel Häfner (*University of Basel*)

Stable Stochastic signal best response dynamics

Leanna Mitchell (*Simon Fraser University*)

Endogamy and human evolution: causes and consequences of fitness depression during the Pleistocene

Erik Mohlin (*University of Oxford, Nuffield College*)

Co-evolution of cognition and preferences: A model with direct manipulation of beliefs

Nikolaus Robalino (*Simon Fraser University*)

The evolution of "theory of mind"

Afternoon session

Chair: Manfred Milinski

14:00-15:00 **Lena Edlund** (*Columbia University*)
On the road – gender and migration in China

15:00-15:30 **Coffee Break** **(MS002)**

15:30-16:30 **Jean Clobert** (*Station d'Écologie Expérimentale du CNRS, Moulis*)
Information and spatial ecology

16:30-17:30 **Ingela Alger** (*TSE, CNRS, LERNA and IAST*) and
Jörgen Weibull (*Stockholm School of Economics and IAST*)
Homo moralis – preference evolution under incomplete information and assortative matching

19:30 **Dinner (by invitation only)**