



INSTITUT  
D'ÉCONOMIE  
INDUSTRIELLE



*Toulouse, June 1-2, 2004*

*5<sup>th</sup> Toulouse Conference on Environment and  
Resource Economics*

*Toulouse, June 1-2, 2004*

*“Advances in Economics and Biology”*

PROGRAMME

*June 1,*

**08:00-08:45**    **Registration**

**08:45-09:00**    **Introduction and Welcome**  
Jacques Cremer, Director IDEI

*Chairman:*    *Jacques Cremer*

**09:00-09:50**    **An evolutionary view of family conflict and cooperation**  
Ted Bergstrom, Dept. of Economics, University of California Santa Barbara:  
Discussant: Robert Boyd

**09:50-10:40**    **Is human cooperation unique in nature?**  
Peter Hammerstein, Dept. of Biology, Humboldt University Berlin:  
Discussant: Arthur Robson

**10:40-11:00**    *Coffee break*

*Chairman:*    *Guido Friebe*

**11:00-11:50**    **Chance, collective action, and institutional innovation**  
Samuel Bowles, Santa Fe Inst.& University of Siena:  
Discussant: Carl Bergstrom

**11:50-12:40**    **Market forces and human evolution**  
Gilles St.Paul, Dept. of Economics, University of Toulouse-1:  
Discussant: Peter Hammerstein

**12h40-14h00**    *Lunch*

*Chairman:*    *Bruno Biais*

**14h00-14:50**    **Mutualism and Mating Share Many Mechanisms**  
Ronald Noe, Faculty of Psychology, Université Louis Pasteur 7, Strasbourg:  
Discussant: Guido Friebe

**14:50-15:40**    **The economics of patience: Hyperbolic discounting as rate maximising**  
Alex Kacelnik, Dept. of Zoology, Oxford University:  
Discussant: Christian Gollier, IDEI

**15:40-16:00**    *Coffee break*

*Chairman:*    *Paul Seabright*

**16:00-16:50**    **Discounting and cooperation in non-human animals**  
Jeffrey Stevens, Dept. of Psychology, Harvard University:  
Discussant: Bruno Biais, IDEI

**16:50-17:40**    **The Psychological Nature of Ambiguity Aversion**  
Aldo Rustichini, Dept. of Economics, University of Minnesota:  
Discussant: Alex Kacelnik

**20:00**    *Conference dinner at 'Le 19'*

*June 2,*

- Chairman:** *Michel Moreaux*  
**09:00-09:50** **Time allocation to productive labor over the life course among Machiguenga and Piro Forager- Horticulturalists**  
Hillard Kaplan, Dept. of Anthropology, University of New Mexico:  
Discussant: Claude Crampes, IDEI
- 09:50-10:40** **The economics of mutualism: Optimal utilization of mycorrhizal mutualistic partners by plants**  
Miro Kummel, Dept. of Ecology and Evolutionary Biology, University of Michigan,  
Stephen Salant, Dept. of Economics, University of Michigan  
Discussant: Jacques Crémer, IDEI
- 10:40-11:00** *Coffee break*
- Chairman:** *Claudes Crampes*  
**11:00-11:50** **Social strife in the microbial world**  
Gregory Velicer, Max-Planck Institute for Developmental Biology, Tübingen:  
Discussant: Jean Tirole, IDEI
- 11:50-12:40** **The Red King effect: When the slowest runner wins the coevolutionary race**  
Carl Bergstrom, Dept. of Biology, University of Washington  
Discussant: Mark Schaffer, Dept. Of Economics, University of Heriot-Watt
- 12h40-14h00** *Lunch*
- Chairman:** *Gérard Gaudet*  
**14h00-14:50** **Stability and Equilibrium in Modeling Social Cooperation**  
Herbert Gintis, Dept. of Economics, University of Massachusetts at Amherst  
Discussant: Bruno Jullien, IDEI
- 14:50-15:40** **Indirect reciprocity can stabilize cooperation without the second-order free rider problem**  
Robert Boyd, Dept. of Anthropology, University of California Los Angeles:  
Discussant: François Salanié, INRA
- 15:40-16:00** *Coffee break*
- Chairman:** *Jean-Pierre Amigues*  
**16:00-16:50** **A 'Bioeconomic' View of the Neolithic and Recent Demographic Transitions**  
Arthur Robson, Dept. of Economics, Simon Fraser University:  
Discussant: Paul Seabright, IDEI
- 16:50-17:40** **Economics in the Primate Brain**  
Michael Platt, Dept. Of Neurobiology, Duke University  
Discussant : Stephen Salant

**Scientific committee:**

Jean-Pierre Amigues, University of Toulouse-1  
Carlo Carraro, University of Venice  
G rard Gaudet, University of Montreal  
Michel Moreaux, University of Toulouse-1  
Stephen Salant, University of Michigan  
Paul Seabright, University of Toulouse-1

**Website**

<http://idei.fr>

**Contact**

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