



Language Dynamics

*Università Ca' Foscari Venezia, Department of Management,
Aula Saraceno, Sept. 17-19, 2015. A workshop of the Mathemac project, WP5*

Thursday, Sept. 17

9:30 Introduction to the conference. The Mathemac project and language

10:00-12:45

Simon Kirby (Edinburgh U.) *The Cultural Origins of Linguistic Structure: simplicity meets expressivity*

Sacha Bourgeois-Gironde (Inst. Nicod, CNRS and Univ. Paris II) *A 3-players common language emergence game.*

Andrea Baronchelli (City University London) *The Spontaneous Emergence of Social Conventions: An Experimental Study of Cultural Evolution*

14:30-18:00

Paul Vogt (Tilburg. Univ.) *Towards population-based experimental semiotics*

Massimo Warglien and Stefano LiPira (Ca' Foscari) *Meaning negotiation*

Marta Stragà (Ca' Foscari) *Tense and anticipation*

Vittorio Loreto (Sapienza, Rome) *Optimal Learning Paths in Information Networks*

Friday, Sept. 18

9:30-12:30

Luc Steels (ICREA, Pompeu Fabra Univ., Barcelona) *Some recent experiments in the emergence of recursive phrase structure.*

Juergen Jost (Max Planck Institute for Mathematics in Science, Leipzig) *Language, complexity and information*

John Padgett (Univ. Of Chicago) *Notes on the autocatalysis of communication*

14:30-16:30

Peter Gardenfors (Lund Univ.) *Fast and slow meetings of mind in semantic processes*

Naoki Funai and Andrea Collevocchio (Ca' Foscari) *Learning context-depedent meaning in networks of agents*

Saturday, Sept. 19

9:30-10:30 *Creating a "massive online experimental platform" ?*

Vittorio Loreto (Sapienza, Rome), Paul Vogt (Tilburg. Univ.), Massimo Warglien (Ca' Foscari)
lead the discussion

10:45-12:00 *Agenda for future projects*