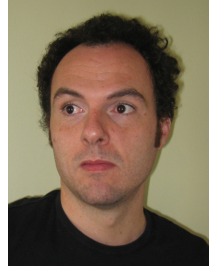




IRIT

Informatics Research
Institute of Toulouse



Thursday 12 November 2015

12h30 – 13h30

UT1 Capitole, Manufacture des Tabacs, Salle des thèses

Emiliano LORINI

Team LILaC - IRIT (France)

The long-term benefits of following fairness norms

Abstract: In this study we present a game-theoretic model of guilt in relation to sensitivity to norms of fairness. We focus on a specific kind of fairness norm à la Rawls according to which a fair society should be organized so as to admit economic inequalities to the extent that they are beneficial to the less advantaged agents. We analyze the impact of the sensitivity to this fairness norm on the behavior of agents who play a repeated Prisoner's Dilemma and learn via fictitious play. Our results reveal that a great sensitivity to the fairness norm is beneficial in the long term when agents have the time to converge to mutual cooperation.

Seminar

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