

INDAM MEETING:
**HYPERBOLIC DYNAMICAL SYSTEMS
IN THE SCIENCES**

CORINALDO (ITALY)
MAY 31 - JUNE 4, 2010

LUC REY-BELLET (University of Massachusetts at Amherst)
Game theory and statistical mechanics

We discuss some connections, at the static and dynamical level, between game theory and statistical mechanics. In particular we derive and study mesoscopic equations for evolutionary game theory as well as using ideas of non-equilibrium statistical mechanics in game theory.