

Im Oberseminar

Deformationsquantisierung

spricht am **9 May 2014 um 10 Uhr c.t.**,

im Seminarraum 00.009 (Physik Ost)

HASSAN ALISHAH

über das Thema:

Hamiltonian Evolutionary Games

I will introduce a class of o.d.e's that generalizes for polymatrix games the replicator equation on symmetric and asymmetric games. I will also show that the phase space of these games is a Poisson stratified space. Then, I will characterize the Hamiltonian systems of these 'evolutionary' polymatrix games. This extends known results for symmetric and asymmetric replicator systems.

gez. Stefan Waldmann