wpi

Wolfgang Pauli Institut & Inst. CNRS Pauli
c/o Fak. Mathematik, Univ. Wien
Oskar Morgensternplatz 1, A-1090 Wien

The **Wolfgang Pauli Institut & Institut CNRS Pauli** (UMI 2842 du CNRS)

and

the **Vienna Center for Partial Differential Equations** &

the FWF **DoktoratsKolleg „Dissipation and Dispersion in Nonlinear PDEs"**

invite to the

16. PAULI KOLLOQUIUM

Time: **Friday, 12. February** 2016**, 14h00**

Place: **"HS 13", 2nd floor, Fak. Math.,** Oskar-Morgenstern-Platz 1, 1090 Wien

14h00 : „Introduction" , Christian **Schmeiser** (WPI c/o U.Vienna)

14h10 :

Pierre DEGOND (Imperial College, London)

"Pedestrian macroscopic models:
a game-theoretical approach"

Abstract: Many Individual-based pedestrian models have been proposed in the literature. Some of them rely on the view of pedestrians as rational agents optimizing their trajectory in order to fulfill their goal in a game theoretical framework. In this talk, we propose a macroscopic model based on this idea and show how the search for local equilibria amounts to finding the Nash equilibrium of a suitable game.

Everybody welcome ☺

Norbert J Mauser
(Director WPI & ICP)