



Mathematics and CS Seminar

From microscopic to macroscopic: the Hydrodynamic limit.

Carlangelo Liverani (Universita degli Studi di Roma "Tor Vergata")

Host: Laszlo Erdős

Considerable success has been obtained in deriving macroscopic equations (e.g. Euler fluid equations or Fourier equations) starting from a microscopic stochastic dynamics. Given the fact that chaotic dynamics can be naively thought as stochastic it is natural to investigate the possibility to emulate the stochastic results in the deterministic setting. I will discuss the perspectives and obstacles of such a research program.

Monday, December 3, 2018 04:00pm - 06:00pm

IST Austria Campus Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage: http://ist.ac.at/fileadmin/user_upload/pdfs/IST_shuttle_bus.pdf The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.