



Mathematics and CS Seminar

Optimal Transport and Density Functional Theory

Mathieu Lewin (Universite Paris-Dauphine)

Host: Robert Seiringer

In this talk I will explain the role of Optimal Transport in Density Functional Theory, the main method used by quantum chemists and physicists to compute the state of quantum electrons at the microscopic scale. I will review some recent mathematical advances in this theme and mention some open problems.

Thursday, April 25, 2019 03:45pm - 04:45pm

IST Austria Campus Erwin Schrödinger Institute (ESI) in Vienna



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: <https://ist.ac.at/en/campus/how-to-get-here/> The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.