Weak Harnack inequality for the Boltzmann equation without cut-off

CYRIL IMBERT

CNRS and École Normale Supérieure, Paris

In this talk, we present a result about the Hölder regularity of bounded solutions of the Boltzmann equation without cut-off. Such a result is a special case of a more general one about kinetic integro-differential equation. Joint work with Luis Silvestre (Chicago).