



Università degli Studi di Roma "Tor Vergata"
Dipartimento di Matematica

COLLOQUIUM DI DIPARTIMENTO

Michel Ledoux (Université Toulouse III Paul Sabatier) terrà un seminario dal titolo:

*How does the heat equation explore
geometric and functional inequalities?*

17 giugno 2015 ore 15.30

Aula 'Roberta Dal Passo'

Abstract: Heat flow monotonicity is a powerful tool towards families of functional inequalities, from the classical Hölder inequality and its multilinear Brascamp-Lieb extensions to entropic and isoperimetric inequalities. The talk will feature some of these examples, as well as recent developments on noise stability in Boolean analysis and their application to the "Majority is Stablest" theorem.