

**A variational proof of Otto-Villani Theorem**

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Time **Thursday, Sept 3, 2015 at 16:00**

Place **Campus Kirchberg, room B04**

We propose a variational approach to some transport-entropy inequalities and we illustrate it by giving a new proof of a celebrated result by Otto and Villani showing that the logarithmic Sobolev inequality implies Talagrand transport inequality. Joint work with J. Fontbona and J-F Jabir.