

## **Stein kernels and applications**

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Time **Tuesday, May 4, 2017 at 4 pm**

Place **Campus Belval, MNO, room 5A (5th oor)**

Stein kernels are a way of comparing probability measures to some reference measure via integration by parts functionals. In this talk, based on joint work with Thomas Courtade and Ashwin Pananjady, I will present some recent results about existence of those kernels, and some of their properties. If time allows, I will also discuss their analog in the setting of free probability.