

Approximation of Riemannian measures by Stein's method

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Time **Friday, Dec 6, 2019 at 14:00**

Place **Campus Belval, MNO 6A (sixth floor)**

It was recently shown by X. Fang, Q.-M. Shao and L. Xu that Bismut's formula can be used to control the derivatives of solutions to Stein's equation in such a way as to obtain bounds on the Wasserstein distance for multivariate approximations. In this talk, presenting a work in progress, we see how their approach generalizes to the setting of Riemannian manifolds, to provide an approach to Stein's method for manifold-valued random variables.