

# Wasserstein space over the Wiener space

**Shizan FANG** *University of Bourgogne, France.* E-mail: Shizan.Fang@u-bourgogne.fr

**Abstract:** In this talk, we will present a joint work with J. Shao and T. Sturm in which we prove that the probability measure transported by the Ornstein-Uhlenbeck process enjoys the gradient flow associated to the entropy functional.