Masha Gordina* (maria.gordina@uconn.edu). Quasi-invariance for horizontal Wiener measure on a foliated compact manifolds.

The talk is based on a recent joint work with F. Baudoin and Q. Feng. We proved several versions of Driver’s integration by parts formula for the horizontal Wiener measure on a totally geodesic Riemannian foliation and prove that the horizontal Wiener measure has a quasi-invariance property with respect to flows generated by suitable tangent processes. (Received January 30, 2019)