1110-60-169 **David Nualart*** (nualart@ku.edu). *Quantitative stable limit theorems for multiple Skorohod integrals.*

The purpose of this talk is to present some results on quantitative stable limit theorems for multiple Skorohod integrals, where the limit distribution is a mixture of Gaussian distributions, obtained in collaboration with Ivan Nourdin and Giovanni Peccati. The proofs are based on an interpolation procedure and the techniques of Malliavin calculus. We will discuss the applications of these results to the case of weighted quadratic variations of the fractional Brownian motion. (Received February 19, 2015)