

July 11, 16:00 – 17:00

Hong-Quan Li,

Fudan University

A RESULT ABOUT RIESZ TRANSFORM ON MANIFOLDS

In this talk, we will present a result about Riesz transform on manifolds. In particular, we find that neither heat kernel Gaussian estimates nor sub-Gaussian estimates are necessary for weak $(1, 1)$ property of Riesz transform.