1166-60-97   **Rodrigo Banuelos**, **Fabrice Baudoin** and **Li Chen*** (`lichen@math.lsu.edu`), Department of Mathematics, Louisiana State University, Baton Rouge, LA 70803, and **Yannick Sire**. *Martingale transform and their projection operators.*

I will discuss martingale transform techniques in the study of sharp or near sharp L^p bounds for Riesz transforms and multiplies. This approach is applicable in various geometric settings for operators which have Gundy-Varopoulos type representations via a suitable extension procedure. The talk will be based on joint works with Rodrigo Banuelos, Fabrice Baudoin and Yannick Sire. (Received February 14, 2021)