## VARIATION AND OSCILLATION OF THE CAUCHY AND RIESZ TRANSFORMS ON LIPSCHITZ GRAPHS

In this talk I will explain a recent joint work with Albert Mas, where we have proved that the q-variation and oscillation of the Cauchy transform on Lipschitz graphs is bounded in  $L^p$ , for 1 and <math>q > 2. The analogous result holds for n-dimensional Riesz transforms on n-dimensional Lipschitz graphs, as well as for other singular integrals with odd kernel. This strengthens the classical theorem on the  $L^p$  boundedness of the Cauchy transforms on Lipschitz graphs by Coifman, McIntosh, and Meyer.