1127-60-66 **M Denker*** (denker@math.psu.edu). *Occupation times for fractal Gaussian noise.*
We discuss occupation times for a special long range dependent Gaussian process: the discrete time fractional Brownian motion with Hurst prameter 3/4<H < 1. Topics are: relation to Mittag-Leffler distribution,conditional local limit theorems and infinite ergodic theory. This is joint work with Xiaofei Zheng. (Received January 19, 2017)