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Kelty Allen* (kelty@math.berkeley.edu) and **Laurent Bienvenu**. *Martin-Lof random Brownian motion*. Preliminary report.

We define Martin-Löf random Brownian motion and investigate some of its properties. We will cover some of the “almost surely” results from classical probability theory that hold for MLR Brownian motion, and discuss some of the many interesting results about the zero set of a sample path. (Received August 22, 2013)