1096-03-1073 **Kelty Allen*** (kelty@math.berkeley.edu). *Martin-Löf random Brownian motion.*

Brownian motion as studied in probability theory gives rise to a measure on a function space, known as Wiener measure. One can study the Martin-Löf random elements of a space with respect to this measure; this is known as Martin-Löf random Brownian motion. We will cover some of the "almost surely" results from classical probability theory that hold for Martin-Löf random Brownian motion, and discuss some of the many interesting computability theoretic properties of such paths. (Received September 12, 2013)