998-60-90 **David Levin** (davar@math.utah.edu), Department of Mathematics, Salt Lake City, UT 84112, **Pedro J. Méndez** (davar@math.utah.edu), Department of Mathematics, Salt Lake City, UT 84112, and **Davar Khoshnevisan*** (davar@math.utah.edu), Department of Mathematics, Salt Lake City, UT 84112. *Dynamical Walks.*

Dynamical walks are a class of interacting random walks that were recently introduced by Benjamini, Häggström, Peres, and Steif (2003). After making the requisite introductions, I will discuss some unusual properties of these random processes. In particular, we establish quantitative connections to the Ornstein-Uhlenbeck process on classical Wiener space (defined in the talk) thereby resolving an open problem of Benjamini et al (2003). (Received February 13, 2004)