998-60-148 **Hassan Allouba*** (alloub a@math.kent.edu), Department of Mathematical Sciences, Kent, OH 44242. *A Brownian-Time Excursion into 4th Order PDEs and SPDEs.*

Recently we have introduced a large class of processes which we call Brownian-Time Processes (BTPs). The Brownian clock in these processes leads to interesting 4th order PDEs, including a linearized version of the important Kuramoto-Sivashinsky PDE. We briefly talk about this connection and end with brief comments about current SPDEs work involving BTPs. (Received February 23, 2004)