

1077-60-2222      **Mark A Adler\*** ([adler@brandeis.edu](mailto:adler@brandeis.edu)), Brandeis University, Mathematics Department, P.O.  
Box 9110, Waltham, MA 02454-9110. *Dyson's Brownian Motions and Critical Diffusions.*

We survey critical diffusions relating to Dyson's Brownian motions, from the Airy process to the tacnode process, via both continuous and discrete models. (Received September 21, 2011)