1054-35-213   **Mohammed B Ziane*** (`ziane@usc.edu`), USC-Math Department, KAP 108, 3620 Vermont Avenue, Los Angeles, CA 90089, and **Nathan Glatt-Holtz**. *Well posedness of some stochastic geophysical models.*

The talk will focus on several geophysical models forced by a multiplicative noise, including the hydrostatic primitive equations. Local as well as global existence results of path-wise solutions will be given. (Received September 14, 2009)