

1092-35-161 **Lizheng Tao*** (leedstao@gmail.com), Department of Mathematics, 1409 W. Green St, Urbana, IL 61820. *Super-Critical SQG Equations with Small Initial Data.*

In this talk, we will present the global regularity result of the super critical SQG equation with small data condition. The method combine the OSS condition of Constantin and Vicol and the modulus of continuity from Kiselev, Nazarov and Volberg. (Received August 07, 2013)