

SEMINARIO DE ANÁLISIS Y APLICACIONES

Viernes, 20 de abril de 2012

11:30 h., [Aula Naranja](#) (ICMat, Campus de Cantoblanco)

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A global existence result for the
dissipative critical SQG equation

Resumen:

In this talk, we will study the dissipative critical surface quasi-geostrophic equation (SQG).

More precisely, we will show that for all initial data lying in a space close to the space of uniformly locally square integrable functions we have global existence of weak solutions.

This result extends the one of Resnick obtained in 1995.