



Contribution ID: 9

Type: **not specified**

Unstable vortices and sharp nonuniqueness for the forced SQG equation

Tuesday, 13 January 2026 17:30 (1 hour)

In this talk, we present a non-uniqueness result for the forced SQG equation in supercritical Sobolev spaces. A key step is the construction of smooth, compactly supported vortices that exhibit nonlinear instability. This is joint work with Á. Castro, D. Faraco, and M. Solera.

Presenter: MENGUAL, Francisco