

Seminar EDPs

Speaker: Pedro Fernández, Universidad Paris-Saclay, (Francia)

Title: About infinite energy solutions to the incompressible Navier-Stokes equations.

Abstract: We study estimates for the Navier--Stokes equations, in a sufficiently robust context to be applied to the construction of:

- 1) Discretely self-similar solutions, for initial data satisfying the weak condition to be locally square integrable.
- 2) Regular axially symmetrical solutions without swirl, for initial data which together with his gradient belong to a weighted Lebesgue space.

Thursday (4/01) at 4:15 pm (Chilean time).

Link:

<https://uchile.zoom.us/j/89678808817?pwd=ZXBwT0lvU2g3WU1hd2haSVVERXdOQT09>

Meeting ID: 896 7880 8817

Passcode: 308609