

SEMINAIRE D'ANALYSE

➤ **VENDREDI 31 AOÛT 2018 à 14:15 - SALLE CM 1 221**

Prof. Tarek ELGINDI
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donnera un séminaire sur le thème :

« SINGULARITY FORMATION IN INCOMPRESSIBLE FLUIDS »

Abstract:

We will discuss some recent results on finite time singularity formation in some fluid models. We will start with a review of a few of the classical models used to understand the singularity problem for the 3D Euler equation as well as their justification. Then we will discuss recent results on blow up in the models and the actual 3d Euler equation in some settings. This is based on some joint works with Jeong and also Ghoull and Masmoudi.

Lausanne, le 29 août 2018

KW/rb

Les séminaires qui ont lieu à la Section de Mathématiques sont annoncés sur Internet
<http://memento.epfl.ch/math/>