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Aula Petita del C.R.M.

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## **Recent results in the Muskat problem**

FRANCISCO GANCEDO

University of Chicago (Illinois, US)

**ABSTRACT:** The Muskat problem considers the filtration of two incompressible fluids throughout porous media. In this talk we shall discuss some new results on local-in-time existence, global-in-time properties and formation of singularities of the problem.