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# Splash singularities for the free boundary Navier-Stokes equations

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## Abstract

In this talk we will present our recent work on establishing the existence of splash singularities for the free boundary Navier-Stokes equations. The existence of that kind of singularities have been proved for the water waves problem previously. We will show that the viscosity can not prevent the formation of a splash. This is a joint work with D. Córdoba, C. Fefferman, F. Gancedo and J. Gómez-Serrano.

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