On the control of some PDEs from fluid mechanics

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Abstract: The Navier-Stokes equations and their variants have been studied since many years and its understanding is very relevant from both mathematical and physical viewpoint. Many researchers have been concerned to solve several related major open problems. On the other hand, the control of PDEs has brought a lot of attention in the last few decades. This was motivated by its relevant role in applications. In this talk we present some recent results dealing with the control of systems of the Navier-Stokes kind.

References: