
ANNA MAZZUCATO, Penn State University

The vanishing viscosity limit for an Oseen-type equation

I will discuss the limit of vanishing viscosity for the Navier-Stokes equation linearized around a regular and stationary Euler flow in bounded domains, when the boundary is characteristic for the problem, using an appropriate corrector for the difference between the viscous and inviscid flows. This is joint work with Gung-Min Gie (University of Louisville, USA) and James Kelliher (University of California-Riverside, USA).