

# MAIN SPEAKERS



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Nader Masmoudi received his PhD from Paris Dauphine University (1999) and his HDR in 2000. He won the gold medal at the International Mathematic Olympiads in 1992, was 1st at the Concours of École Normale Supérieure and Ecole Polytechnique in 1994. He was awarded the Fermat Prize in 2017 for his remarkable work in the analysis of non-linear partial differential equations. His research focus is in Fluid Mechanics. He is a professor in the Courant Institute of Mathematical Sciences at New York University in the United States. Courant institute is ranked #1 in applied mathematical research in the US.

## Talk Title and Abstract

### **Recent Progress in the Study of the Prandtl System and the Zero Viscosity Limit**

I will review some recent advances in the study of the well posedness and singularity formation for the Prandtl system as well as the study of the inviscid limit of the Navier-Stokes system.