

Post-doctoral research position in flow control at INSTITUT PPRIME

A post-doctoral research position in control is available at INSTITUT PPRIME, Poitiers, France. We seek highly motivated individuals with experience in fluid mechanics, aeroacoustics, stability theory and control to participate in the elaboration of a flow-control experiment. The aim is to employ piezoelectric actuation to suppress diffraction mechanisms and associated sound radiation that occur when a turbulent jet interacts with the trailing edge of an airfoil. Control laws are to be built using mean-flow-based linear theory and system identification.

The work is funded by the European Union through the Horizon 2020 research and innovation project DJINN (Decrease Jet Installation Noise) under grant agreement No. 861438.

Persons interested in the position should contact Peter Jordan (peter.jordan@univ-poitiers.fr).