V Workshop in Stochastic Analysis and Applications

IMECC - Unicamp

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An Eulerian-Lagrangian formulation for compressible Euler Equations

Abstract

In this talk, we study an Eulerian-Lagrangian formulation of the compressible Euler equations. Using this formulation we give a new proof that the compressible Euler equations are locally well-posed. This is a joint work with Christian Olivera.