

WORKING GROUPS PDE

DATE: FRIDAY, DECEMBER 9, STARTING FROM 11:00

Extensions to fluid equations

JEAN-PIERRE PUEL

BCAM

Jean-Pierre will continue with some extensions to his course in fluid equations. The program will start with the method of linearization and how to obtain controllability for the linearized problem. If time allows, he will present the Carleman inequality for the Stokes system and the fix point problem for the nonlinear equations. If not, it will be probably another session (if the audience wants) in the future (before or after the Christmas) in these topics.

DATE: FRIDAY, DECEMBER 9, STARTING FROM 15:00

A local controllability result for 1d compressible Navier Stokes equation

SYLVAIN ERVEDOZA

Institut de Mathématiques de Toulouse, France