

# On the high compressible limit for the Navier-Stokes-Korteweg model with density dependent viscosity

*Matteo Caggio*

Institute of Mathematics, Czech Academy of Sciences, Czech Republic  
caggio@math.cas.cz

The talk is devoted to the regime of high Mach number flows for compressible barotropic fluids with density dependent viscosity. The Korteweg model as an isothermal model of capillary fluids is considered. A weak-strong uniqueness analysis is also discussed