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DK Seminar

April 27, 2016, 14:15 - 15:15
Vienna University of Technology,
Freihaus, green area, 4th floor, 101C

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Incompressible limits

We consider compressible models for the transport of a fluid, comprising equations for the mass density, the conservation of momentum, and the electric field. There are various mechanisms that can make this problem incompressible, such as the quasi-neutral limit, or the low Mach number limit, providing us the opportunity of writing and reviewing a limitless amount of publications. This talk aims at presenting a general functional analytic framework for such limits.