

Asymptotic Behavior of systems of PDE arising in physics and biology:
theoretical and numerical points of view (ABPDE III)

Contribution ID: 20

Type: **not specified**

Equilibration in Wasserstein distance of partially damped Euler equations

Thursday, August 30, 2018 3:15 PM (35 minutes)

We discuss ideas and tools to construct Lyapunov functionals on the space of probability measures to investigate convergence to global equilibrium of partially damped Euler equations under the influence of external and interaction potential forces with respect to the 2-Wasserstein distance.

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