
Barcelona Analysis Seminar **2021–2022**

URL. <https://mat.uab.cat/web/seminarianalisi/>

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Room. C3-B158 (Universitat Autònoma de Barcelona)

Online streaming (Zoom). [Click here to join.](#)

Wasserstein Flow for a Singular Interaction Energy

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In this talk, I present some results on a Wasserstein flow of an interaction energy that grows logarithmically near the diagonal. Existence and uniqueness of Wasserstein gradient flows of regularised versions of the energy are established. In the limit of vanishing regularisation, these subconverge to a flow that, under additional assumptions, is a solution of the continuity equation driven by the Riesz transform.