1139-35-637   **Benoit Pausader***, Mathematics department, Brown University, Providence, RI 02912. *On the Einstein equation with massive scalar field.*

We consider perturbations of the Minkowski space for the Einstein equation in the presence of a massive scalar field. This leads to studying quasilinear dispersive systems consisting of wave and Klein-Gordon-type equations. We prove a small-data/global existence result, even when the initial data have a fairly slow fall-off at infinity. This is a joint work with A. Ionescu. (Received February 20, 2018)

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