Zaher Hani* (hani@cims.nyu.edu), 251 Mercer Street, New York, NY 10012. Long-time behaviour of some non-linear Schrödinger flows.

We compare the long-time behavior of the flow for some nonlinear Schrödinger equations and examine some effects of the geometry of the underlying domain and the resonances of the equation on the global picture. (Received December 08, 2011)