

1139-35-703

**Alexandru D. Ionescu\***, Department of Mathematics, Washington Rd., Princeton, NJ 08540,  
and **Benoit Pausader**. *On the global regularity of certain quasilinear evolution models.*

I will discuss some recent work on the problem of global regularity of a class of physical evolution equations. I will mostly focus on two-speed evolution problems, such as the Einstein-Klein-Gordon system of General Relativity. This is joint work with Benoit Pausader. (Received February 21, 2018)