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Daniel Tataru* (tataru@math.berkeley.edu), Department of Mathematics, University of California, Berkeley, Berkeley, CA 94720. *Blow up phenomena in energy critical dispersive equations.*

I will give an overview of current results, methods and open problems concerning blow-up for energy critical dispersive equations. The type of blow-up considered here occurs along families of rescaled solitons. (Received February 26, 2009)