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Sung-Jin Oh* (sjoh@kias.re.kr) and **Daniel Tataru**. *On global regularity and scattering for geometric wave equations.*

I will survey and present recent progress concerning the question of global regularity and scattering for geometric wave equations, with particular emphasis on large data results in energy critical dimensions. Examples of such equations include the wave map, Maxwell-Klein-Gordon, and Yang-Mills equations. (Received September 19, 2016)