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Mihai H Tohaneanu* (mihaitohy@gmail.com). *Scattering for the defocusing critical wave equation on Schwarzschild backgrounds.*

We prove global existence, uniqueness and scattering for the defocusing energy-critical wave equation on Schwarzschild spacetimes $\square_{g_S} u = u^5$ with large initial data. The result follows from combining uniform energy bounds and Morawetz-type estimates on backward/forward light cones with Strichartz estimates previously proved by the author and collaborators. (Received July 24, 2017)