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Xiumin Du, Department of Mathematics, 4176 Campus Drive - William E. Kirwan Hall, College Park, MD 20742, and **Ruixiang Zhang***, UW-Madison Department of Mathematics, Van Vleck Hall, 480 Lincoln Drive, Madison, WI 53703. *The pointwise convergence problem for the free Schrodinger equation.*

Carleson proposed a problem on a.e. convergence for free Schrodinger solutions as time goes to zero. Recently it got a sharp answer (up to the endpoint) in all dimensions. I will talk about the new result in dimensions $n + 1$ for all $n > 2$ and ideas behind it (joint work with Xiumin Du). (Received January 07, 2020)