1142-42-9   **Terence L. J. Harris*** (`terence2@illinois.edu`). *Refined Strichartz inequalities for the wave equation.*

I will present some analogues of the Schrödinger refined Strichartz inequalities (Du, Guth, Li and Zhang) for the wave equation. These can be used to improve the best known L^2 fractal Strichartz inequalities for the wave equation in dimensions $d \geq 4$.

I will spend most of the talk giving an outline of the problem and some of the new ideas in this area. (Received June 01, 2018)