

**Anne-Sophie De Suzzoni**

**Strichartz estimates for the Dirac equation on asymptotically flat manifolds**

In this talk, we discuss Strichartz estimates for the Dirac equation on asymptotically flat manifolds. We will present the Dirac equation in curved setting, and some of its symmetries. To obtain Strichartz estimates, we see the Dirac equation as a perturbation of the KleinGordon or wave equation and combine weak dispersive estimates with Strichartz and smoothing estimates for the wave and KleinGordon flows exploiting previous results in the same geometrical setting.