1053-83-142 **Gustav H Holzegel*** (holzegel@math.princeton.edu), Fine Hall, Washington Road, Princeton, NJ 08544. *The massive wave equation on slowly rotating Kerr-AdS spacetimes.*

We present a proof of boundedness for solutions of the massive wave equation on slowly rotating Kerr-anti de Sitter spacetimes, provided the mass-parameter satisfies the Breitenlohner Freedman bound. The proof relies on the vectorfield method. It uses a new Hardy inequality, the existence of a globally (on the black hole exterior) causal Killing vectorfield for these spacetimes and techniques recently developed by Dafermos and Rodnianski. (Received August 31, 2009)