1041-35-22   **Detlef Müller**, Christian-Albrechts-Universität zu Kiel, Ludewig-Meyn-Str. 4, D-24098 Kiel, Germany, and **Andreas Seeger***, Department of Mathematics, University of Wisconsin, 480 Lincoln Drive, Madison, WI 53706. *L^p estimates for the wave equation on Heisenberg type groups.*

Let L be a (subelliptic) sums of squares operator on a group of Heisenberg type. We prove sharp L^p Sobolev type estimates for solutions of the associated wave equation. (Received July 10, 2008)