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Nate Fisher* (nathan.fisher@tufts.edu), 503 Boston Ave, Medford, MA 02155. *Sub-Finsler metrics and the Heisenberg group at infinity.*

In this talk, we will discuss a class of sub-Finsler metrics on the real Heisenberg group, arising as asymptotic cones of word metrics on the integer Heisenberg group for various generating sets. We will describe new results on boundaries for these Carnot-Caratheodory metrics, with applications to the study of random walks. This is joint work with Sebastiano Nicolussi Golo. (Received January 19, 2021)