

1023-H1-311      **Tim Chartier\*** ([tichartier@davidson.edu](mailto:tichartier@davidson.edu)), Department of Mathematics, Davidson College,  
P.O. Box 6908, Davidson, NC 28035. *Mathematics in Mime*.

A lone mime walks toward a class of students and suddenly stumbles. Peering down, he sees an (invisible) object on the floor and proceeds to slowly pick it up. Shaking it, he notices it is a limp rope – more specifically, a rope of infinite length. Wondering what might be at the end of this very long rope, he begins to pull and be pulled. A tug-of-war results and leads to a struggle over concepts regarding infinity. The presenter, a professor of mathematics and professionally-trained mime, will share this sketch entitled “The infinite rope” that is part of a larger show, “Mime-matics”. This talk will discuss how this sketch is presented in both elementary and college classrooms, the mathematical ideas discussed, and adaptations for classroom use by teachers and professors without mime training. (Received September 05, 2006)