1030-53-86   **Keith Burns*** (`burns@math.northwestern.edu`), Department of Mathematics, Northwestern University, Evanston, IL 60208, and **Eugene Gutkin**, Uniwersytet Mikolaja Kopernika, Chopina 12/18, 87-100 Torun, Poland. *Insecurity and the growth of the number of geodesics between two points.*

The talk will descibe interactions between two approaches to the study of the geodesics joining two points in a Riemannian manifold. One of them relates the growth of the number of these geodesics as their length increases to the topological entropy of the geodesic flow. The other studies whether or not these geodesics can be blocked by a finite number of point obstacles. (Received July 20, 2007)