Eugene Gutkin  
Institute of Mathematics of the Polish Academy of Sciences  
will speak on  

**Security and flatness for Riemannian surfaces**

**ABSTRACT:** A manifold is secure if the geodesics connecting any pair of points can be blocked by a finite set. The standing conjecture is that a compact manifold is secure iff it is flat. V. Bangert and I have proved this for surfaces of positive genus. I will report on our work.

**Tuesday, 24 November 2009**  
**Lecture at 3:30 pm**  
**Room 617, Wachman Building**  
**Department of Mathematics**