

1077-AI-2471 **Peter Buser*** (peter.buser@epfl.ch), Section de Mathematiques, SB-MATHGEOM, Station 8, Lausanne, Switzerland, and **Hugo Parlier** (hugo.parlier@gmail.com), Departement de Mathematique, University of Fribourg, CH-1700 Fribourg, Switzerland. *On the distribution of simple geodesics.*

In joint work various estimates for the distribution of the simple geodesics (infinite complete and/or closed) on a compact hyperbolic surface have been obtained recently. The lecture outlines some of the techniques and discusses how the distribution may be represented graphically. (Received September 22, 2011)