Speaker: **Bonahon, Francis**
Title: *Liouville geodesic currents*
Authors: Francis Bonahon
Affiliations: University of Southern California

Abstract: The "random geodesic" construction associates a geodesic current (= diffused homotopy class of closed curves) to each hyperbolic metric on a surface S. We show that this geodesic current depends differentiably on the metric, in a suitable sense. This is joint work with Yasar Sozen.