

**Title:** Polynomial decay of correlations of geodesic flows on some nonpositively curved surfaces (Part 2)

**Abstract:** In a joint work with Yuri Lima and Ian Melbourne, we consider a class of nonpositively curved surfaces and show that their geodesic flows have polynomial decay of correlations. In this second of two lectures, we will discuss how the features of the Poincare section constructed in the first lecture allow to derive statistical laws for the relevant class of geodesic flows.