

**Tuesday, Thursday and Friday from 10am-12pm**

***Mini-course by Carlangelo Liverani*** (Università di Roma "Tor Vergata", Italy)

Title: Statistical properties of Hyperbolic Billiards

Abstract: I will discuss some recent results and open problems concerning the statistical properties of hyperbolic billiards. First, I will discuss how to establish hyperbolicity, and then I will discuss the statistical properties. I will put the emphasis on some mathematical techniques useful to tackle such problems (e.g. standard pairs, dynamical functional spaces and transfer operators, strictly invariant cones, and Hilber metric).