## GENERIC PROPERTIES OF EIGENVALUES AND RESONANCES FOR COMPACT METRICS ON SURFACES WITH CUSPS

## Leonardo Marazzi

Department of Mathematics, University of Kentucky

I will discuss how simplicity of eigenvalues, the absence of embedded eigenvalues and infinitely many resonances are generic properties for compact metrics on surfaces with cusps. I will also discuss open problems related to this question. This is joint work with P. Hislop and P. Perry.