Alberto Enciso
Instituto de Ciencias Matemáticas ICMAT, Madrid

Title: The fearful symmetry of quantum billiards

We will discuss some recent results and open problems on the spectral geometry of planar domains that exhibit certain geometric properties. We will be mostly interested in how the "roundness" of the domain may have a qualitative impact (or not) on the structure of the eigenfunctions. Simple geometric ideas will be emphasized throughout.