On the eigenvalues of the Robin Laplacian with a complex parameter

Sabine Bögli

Durham University

This is a continuation of the talk by James Kennedy about the Laplacian on a bounded Lipschitz domain with non-selfadjoint Robin boundary conditions. I shall present eigenvalue asymptotics for large (in modulus) Robin parameters for concrete domains. I will discuss conjectures for general domains and ideas how to prove these conjectures.