

## **Eigenvalues of the Laplacian with moving mixed boundary conditions**

### **Abstract**

I shall present some results obtained in collaboration with V. Felli and R. Ognibene, concerning eigenvalue problems for the Laplacian in bounded domains with varying mixed boundary conditions. We deal both with the case of homogeneous Dirichlet conditions on a vanishing portion of the boundary and Neumann conditions on the complement, and with the opposite case.