

SPEAKER:

Rafael Benguria, Pontificia Universidad Catolica de Chile

TITLE:

Isoperimetric Inequalities for the eigenvalues of the Laplacian (first of a series)

ABSTRACT:

In this and subsequent talks, I will review several results concerning universal inequalities for the eigenvalues of the Laplacian defined on a smooth bounded domain in \mathbb{R}^N . Universal refers to the fact that the inequalities are independent of the domain. I will also review related results on other manifolds.

NOTE: Additional talks to be scheduled.