

Title: *On the First Eigenvalue of the Laplacian on Riemannian Manifolds.*

Speaker: Shoo Seto

Affiliation: California State University, Fullerton

Abstract: In this talk we will survey results on the first eigenvalue of the Laplacian on Riemannian Manifolds. In particular, we will focus on the lower bound of the spectral or mass gap and explore various methods to approach the problem.