6th Symposium on Analysis and PDEs

Purdue University, June 1–4, 2015

Fang-Hua Lin, Courant Institute, New York University   *3 lectures: June 1–3, 2:30–3:20pm*

MINICOURSE: *Extremum Problems for Elliptic Eigenvalues.*

In these lectures, we are going to discuss some simple but fundamental, extremum problems for Laplacian eigenvalues. They are interesting from both theory and applications. The goal of the lectures is to explain some relevant classical works and some recent thoughts on these problems.