國立中央大學數學系
專題演講

主講人：張育展先生 **(Louisiana State University)**

題目：**DEHN FUNCTIONS OF SUBGROUPS OF RIGHT-ANGLED ARTIN GROUPS**

演講茶會：**2018年12月27日(星期四) 3:30 p.m. ~ 4:00 p.m.**

茶會地點：中央大學鴻經館**M306**

演講時間：**2018年12月27日(星期四) 4:00 p.m. ~ 5:00 p.m.**

地點：中央大學鴻經館**M107**

Abstract：

Dehn function, motivated by the isoperimetric function in Riemannian geometry, is a tool to study finitely presented groups. Dehn functions can detect various properties of groups, in particular, they provide upper bounds on the complexity of the word problem for finitely presented groups. In this talk, I will give a survey on Dehn functions and discuss some classical results. Then I will focus on my currnet work about the Dehn functions of subgroups of right-angled Artin groups, especially on Bestvina-Brady groups.

This talk is accessible to graduate students.

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