

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

GEOMETRY SEMINAR

A glimpse of the differential geometry on moduli spaces of Riemann surfaces

Professor Wing-Keung To
National University of Singapore

Abstract

In the lecture, I will first give a brief introduction to the differential geometry on moduli spaces of Riemann surfaces, in particular, that of the Weil-Petersson metric. Then I will introduce another closely related metric, namely the Takhtajan-Zograf metric, and discuss some of its properties.

Date: September 16, 2010 (Thursday)

Time: 4:00 - 5:00pm

Place: Room 210, Run Run Shaw Bldg., HKU

All are welcome