



*Institute of Mathematical Research  
Department of Mathematics*

# COLLOQUIUM

## Conformal invariants: perspectives from geometric PDE

**Professor Sun-Yung Alice Chang**

Princeton University, USA

Date: January 24, 2013 (Thursday)

Time: 4:00 – 5:00pm

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

### Abstract

We will survey properties of a class of integral conformal invariants in conformal geometry and their connection to geometric quantities on conformally compact Einstein manifolds in ADS/CFT setting. Special emphasis will be on the role played by non-linear elliptic PDE.

*All are welcome*