THE UNIVERSITY **OF HONG KONG**

Institute of Mathematical Research
Department of Mathematics

Geometry Seminar

Complex Neumann Problems and Consequences

Professor Peter Greiner
University of Toronto, Canada

Date: December 5, 2013 (Thursday)

Time: 4:00 – 5:00pm

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

Abstract

I shall discuss some of the reasons for the study of the $\eth$–Neumann problem and speculate about its nonelliptic analogue, the so-called $\eth_b$–Neumann problem plus the possibility of a nonelliptic index. The talk will point to the necessity of understanding CR-geometry more precisely than is understood at present.

All are welcome