THE UNIVERSITY   **OF HONG KONG**

Department of Mathematics

COLLOQUIUM

An Introduction to Combinatorial Designs

Professor Qingde Kang
Hebei Normal University

Abstract

Combinatorial Design is an important branch in Combinatorics. The famous Euler's 36 officers problem and Kirkman's schoolgirls problem are its two historical sources, the Balanced Incomplete block Designs (BIBD) are its basic parts, and the large sets of block designs are its driving force in recent years. Topics covered in this talk will include: Hadamard matrix, cycle system, Costas array, Golf design, Room square, Howell design, Skolem sequence, ...

Date:	November 27, 2009 (Friday)
Time:	3:00 – 4:00pm
Place:	Room 210, Run Run Shaw Bldg., HKU

All are welcome