

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research  
Department of Mathematics*

## **GEOMETRY SEMINAR**

# **Rigidity of proper holomorphic mappings between Cartan-Hartogs domains**

**Professor Zhenhan Tu**

Wuhan University, China

Date: January 14, 2014 (Tuesday)

Time: 4:00 – 5:00pm

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

### **Abstract**

The Cartan-Hartogs domains are defined as a class of Hartogs type domains over bounded symmetric domains. With the exception of the unit ball, each Cartan-Hartogs domain is a nonhomogeneous domain without smooth boundary. In this talk, we give what seems to be the first rigidity result for proper holomorphic mappings between two Cartan-Hartogs domains. This is a recent joint work with Zhiming Feng.

*All are welcome*