

## **Department of Mathematics The Chinese University of Hong Kong**

數學系 香港中文大學 Phone: (852) 3943 7988 / 3943 7989 • Fax: (852) 2603 5154 • Email: dept@math.cuhk.edu.hk Rm. 220, Lady Shaw Building, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

## Colloquium

## On shape recovery by minimum scattering measurements and its applications

## **Professor Hongyu Liu Department of Mathematics Hong Kong Baptist University**

**Abstract:** In this talk, the speaker shall report their recent progress on inverse scattering problems for acoustic, electromagnetic and elastic waves. The particular interest is concerned with the shape recovery, disregarding the content of the scatterer, by minimum scattering data. Some interesting applications shall also be discussed.

Date: Friday, 9 December 2016 Time: 4:30 p.m. – 5:30 p.m.

Venue: Rm 222, Lady Shaw Building,

The Chinese University of Hong Kong, Shatin

All are Welcome!