

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research  
Department of Mathematics*

## **Analysis Seminar**

# Hydrodynamics of Elastic Fluids

**Dr. Xianpeng Hu**  
City University of Hong Kong

### **Abstract**

In this talk, we will discuss the recent progress in the mathematical analysis of elastic fluids, including the viscoelastic fluid and the elastodynamics. Both the incompressible and compressible cases are concerned. Global existence, weak compactness are two main subjects.

Date: October 31, 2017 (Tuesday)

Time: 4:00 – 5:00pm

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

*All are welcome*