

數學系

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## Kinetic Seminar

## Some analysis results about certain shallow water equations

**b**y

## Professor Zaihong JIANG Zhejiang Normal University

## Abstract:

In this talk, we aim to discuss the analytical findings related to certain shallow water equations. The focus will be on investigating the local and global well-posedness, ill-posedness, the blow-up phenomenon, infinite propagation speed, and the large-time behavior of the solutions.

Date: February 16, 2024 (Friday)

Time: 4:00pm – 5:00pm (Hong Kong SAR)

Venue: Room 222, Lady Shaw Building,

The Chinese University of Hong Kong, Shatin