



The Hong Kong Mathematical Society
香港數學學會

2015 The Hong Kong Mathematical Society Distinguished Lecture



Speaker

Professor Sijue Wu

Department of Mathematics,
University of Michigan

Mathematical Analysis of the motion of water waves

Date: 23rd May, 2015

Time: 9:00 – 10:00 a.m.

Venue: Lady Shaw Building, LT1, CUHK

Abstract

In this talk, I will present the recent understandings on the motion of water waves obtained via rigorous mathematical tools, this includes the evolution of smooth initial data and some typical singular behaviours. We will also discuss some related open problems.

Professor Sijue Wu is a leading expert in the field of Harmonic Analysis and nonlinear partial differential equations. She has worked on nonlinear PDEs from fluid dynamics, including the Euler equations, the vortex sheets and water waves. Honors accorded Professor Wu include Morningside Silver and Gold Medals in Mathematics and the Ruth Lyttle Satter Prize in Mathematics, AMS.

This event is co-organized with the Department of Mathematics,
The Chinese University of Hong Kong

Enquiries

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