



Department of Mathematics  
The Chinese University of Hong Kong

For Favour of Posting

數學系  
香港中文大學

Phone: (852) 3943 7988-9 • 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

# Kinetic Seminar

## Well-posedness of Nonlocal and Local Quasilinear Evolution Equations in Fluids and Geometry

by

*Professor Quoc Hung NGUYEN*  
*Chinese Academy of Sciences*

**Abstract :**

In this talk, I will present some recent results on local and global well-posedness and regularity for the Muskat problem, the 2d/3d Peskin problem, the mean curvature flow, the surface diffusion flow, the Willmore flow of entire graphs.

Date :	March 31, 2023 (Friday)
Time :	4:00pm – 5:00pm (Hong Kong SAR)
Venue:	Room 219, Lady Shaw Building

*All are Welcome*