

## Department of Applied Mathematics Seminar

### Prof. Huanyao WEN

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#### Topic

Some recent progress on mathematical analysis of a two-fluid model

#### Date| Time

2 May 2025 (Fri) | 16:30 – 17:30 (HK Time)

#### Venue

Y302

#### Abstract:

In this talk, we will review some previous results on the global wellposedness theory for a two-fluid model, and then introduce our recent results on rigorous justification from a meso-macro model to the two-fluid model.

ALL ARE WELCOME