

## PolyU PDE Seminar Series

**Prof. Tao WANG**

Wuhan University, China

### Topic

Vacuum free boundary problems in ideal compressible MHD

### Date| Time

26 August 2025 (Tuesday) | 16:30 – 17:30 (HK Time)

### Venue

EF312

### Abstract:

We present the joint works with Paolo Secchi and Yuri Trakhinin on local well posedness of vacuum free boundary problems in non-relativistic and relativistic ideal compressible magnetohydrodynamics (MHD).

ALL ARE WELCOME