

Department of Mathematics  
City University of Hong Kong

## Colloquium

Organised by Prof. Tong YANG and Dr Xianpeng HU

### On a Vlasov-Poisson Problem in a Bounded Domain

by

Professor Anne Nouri  
AAix-Marseille University, CNRS,  
France

***Abstract:***

We consider a Vlasov-Poisson problem for a two-species plasma in a bounded one-dimensional domain with direct reflection boundary conditions. The characteristics are studied in details. Solutions with continuous densities are obtained.

**Date:** 2 July 2018 (Monday)  
**Time:** 4:30 – 5:30pm  
**Venue:** Y5-304, Yellow Zone, Floor 5, Yeung Kin Man  
Academic Building (AC1)  
City University of Hong Kong

**\*\* All interested are welcome \*\***  
For enquiry : 3442-5488

