

For Favour of posting



The Hong Kong University of Science and Technology

Department of Mathematics

Departmental Colloquium

The dynamics and propagation of riots

by

Prof. Henri Berestycki

EHESS, PSL University (Paris) and IAS, HKUST

Abstract

In this talk, I report on works concerned with the dynamics and spreading of spontaneous riots. I will first discuss an epidemiological approach with a diffusion interaction term in the setting of the French riots of 2005. We build a model relying on a detailed set of data for these riots. We can then compare the model with the data. I will also describe a new family of systems of PDEs that are relevant to the study of such social interactions.

Date: Friday, 12 October 2018

Time: 3:00p.m. - 4:00p.m.

Venue: Lecture Theatre F, HKUST

All are welcome!