

For Favour of posting



The Hong Kong University of Science and Technology

Department of Mathematics

Departmental Colloquium

by

Prof. Sam Howison
University of Oxford

Abstract

Talk 1: It's harder to splash on soft solids

When a drop hits a rigid surface fast enough, it makes a splash which causes (often undesirable) satellite droplets to form. Various methods to mitigate this have been investigated in recent years. Here we show that impact onto a soft substrate can suppress splashing. We show experimental results, with numerical simulations and a simple theoretical analysis.

Talk 2: Kings of Swing: kiiking and other pumping pursuits

An innocent children's activity has unexpectedly mathematical ramifications

Date: Friday, 2 February 2018

Time: 2:30p.m. - 3:30p.m.

***Venue: Room 4475, Academic Building
(near Lifts 25&26), HKUST***

All are welcome!