



Applied and Computational Mathematics Seminar

Title: Plant Physics

Speaker: Finn Box (University of Manchester)

Date: Wed 8th November 2023 at 11:00AM

Location: G87 Block B - Newstead

Abstract: Plants are natural feats of engineering and botany a playground of physical phenomena. In this talk, we'll take a walk on the wild side and encounter ripe fruit, a gigantic leaf and a carnivorous pitcher plant. I'll describe the bioballistics of seed dispersal, the structural economy of a vasculature structure and slipperiness of liquid-infused porous surfaces. In doing so, I'll demonstrate that poking an object is an effective way of testing its material properties.