



香港浸會大學

HONG KONG BAPTIST UNIVERSITY

FACULTY OF SCIENCE

Department of Physics

COLLOQUIUM

Boundary layer analysis for driven many particle systems

By

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10:30am – 11:30am (Tea will be served)

T909, HSH Campus, HK Baptist University

Abstract

Driven many particle systems exhibit boundary driven bulk phase transitions. In different phases, the steady-state particle distribution profile across the lattice has different shapes both at the boundary and at the bulk. In this talk, we show how the boundary layer analysis can be used to understand the shape of the entire density profile by studying its boundary-layer regions.

All Interested Are Welcome!