

## **Department of Mathematics The Chinese University of Hong Kong**

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## Analysis Seminar

## Fractal problems in Quasiperiodic Schrodinger operator

## **Professor Qi Zhou**Chern Institute of Mathematics

Nankai University

**Abstract:** In this talk, I will talk about some fractal problems in Quasiperiodic Schrodinger operators, especially almost Mathieu operators. Topics will include the Hausdorff dimension of the spectrum, and the multifractal structure of absolutely continuous spectral measures.

Date: 7 August 2023 (Monday) Time: 10:30 a.m. – 11:30 a.m.

Venue: Room 222, Lady Shaw Building,

The Chinese University of Hong Kong, Shatin

All are Welcome!