

THE UNIVERSITY



OF HONG KONG

Department of Mathematics

COLLOQUIUM

Arithmetic of L -functions

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Abstract

The Langlands Programme postulates a deep relationship between arithmetic and analysis. In this picture, the key connecting element are L -functions, whose arithmetic significance had been known in important examples long before. In this talk, I will discuss what is now known about arithmetic properties of automorphic representations and special values of automorphic L -functions can be seen as evidence in favor of Langlands' Conjectures.

Date: January 8, 2019 (Tuesday)

Time: 2:00 – 3:00pm

Venue: Room 210, Run Run Shaw Bldg., HKU

All are welcome