THE UNIVERSITY   **OF HONG KONG**

Institute of Mathematical Research
Department of Mathematics

Number Theory Seminar

Automorphic Tate twists: An archimedean and a p-adic perspective

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Abstract

The (conjectural) category of motives comes with a natural autoequivalence given by the Tate twist. This symmetry in turn implies conjectural relations between special values of motivic L-functions of different kinds. In this talk I will explain these conjectures and present corresponding results for automorphic L-functions.

Date: October 16, 2019 (Wednesday)

Time: 2:30 – 3:30pm

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

All are welcome