



Algebra and Number Theory Seminar

Title: Refined applications of Kato's Euler systems

Speaker: Chan-Ho Kim (KIAS)

Date: Thu 28th January 2021 at 3:00PM

Location: Online

Abstract: In modern number theory, one of the most interesting goals is to understand the arithmetic meaning of special values of L-functions of various arithmetic objects (e.g. Birch and Swinnerton-Dyer conjecture and Bloch-Kato's Tamagawa number conjecture). Iwasawa theory is the most successful way at present to achieve this aim, and many important results are based on the theory of Euler systems. We will discuss more refined applications of Kato's Euler systems for modular forms beyond their standard applications.

https://maths.ucd.ie/~kazim_b/UCD_ANT_Seminar.html