Number Theory Seminar

Breuil-Kisin modules and integral $p$-adic Hodge theory

Dr. Hui Gao
Southern University of Science and Technology, China

Abstract

We construct a category of Breuil-Kisin $G_K$-modules to classify integral semi-stable Galois representations. The theory can be regarded as the algebraic avatar of the integral $p$-adic cohomology theories of Bhatt-Morrow-Scholze and Bhatt-Scholze.

Date: November 23, 2021 (Tuesday)
Time: 4:30 – 5:30pm (Hong Kong Time)
Venue: ZOOM: https://hku.zoom.us/j/
Meeting ID: 999 0463 7074
Password: 483015

All are welcome