

Sophia University

Mathematics Colloquium

When: Friday, November 24, 2017, 17:30-18:30

Where: Room No. 201, Main Bldg., Ichigaya-Campus

Speaker: Veronika Ertl (Keio University)

Title: Logarithmic and non-logarithmic p-adic cohomology theories

Abstract: There are many p-adic cohomology theories around, such as rigid or crystalline cohomology, which provide important invariants in applicable situations. If one considers non-smooth schemes, one is often led to consider logarithmic versions.

I will talk about the relation and differences of certain logarithmic and non-logarithmic p-adic cohomology theories and where they find application.