

Séminaire de théorie des nombres

Le 13 mars 2023 à 14h (Jussieu)

A motivic integral p -adic cohomology

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Résumé : We use the theory of logarithmic motives to construct an integral p -adic cohomology theory for smooth varieties over a field k of characteristic p , that factors through the category of Voevodsky (effective) motives. If k satisfies resolutions of singularities, we will show that it is indeed a "good" integral p -adic cohomology and it agrees to a similar one constructed by Ertl, Shiho and Sprang : we will then deduce many interesting motivic properties.