

Higher Pushforwards in Rigid Cohomology via Motives

mardi 28 octobre 2025 10:00 (1 heure)

Berthelot's conjecture states that the higher push-forwards in rigid cohomology of the structure sheaf along a smooth and proper morphism are canonically overconvergent F -isocrystals. I will explain how motivic non-archimedean homotopy theory can be used to define solid relative rigid cohomology and prove a version of Berthelot's conjecture.

(Joint work with Alberto Vezzani.)

Orateur: ERTL, Veronika (Université de Caen)