

Séminaire de théorie des nombres

Le 11 janvier 2021 à 14h (BigBlueButton)

The parabolicity conjecture of F-isocrystals

Exposé de Marco D'Addezio
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Résumé : We will present recent developments in the theory of overconvergent F-isocrystals, the p-adic analogue of ℓ -adic lisse sheaves. For the most part of the talk we will focus on the parabolicity conjecture, a conjecture proposed by Crew in '92 on the algebraic monodromy groups of overconvergent F-isocrystals. Besides the proof, we will explore the main consequences of this conjecture.