

Séminaire de théorie des nombres

Le 19 octobre 2009 à 14h

Bar complex and Tannakian category

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Résumé : In this talk, we give some application for the method to construct fundamental groups of Tannakian categories using bar complex of differential graded algebras.

First example is bar complex of Deligne DAG associated to mixed Tate structures on an algebraic variety. Next example is related to pro- p completion of fundamental group of varieties over \mathbb{F}_p . I want to talk a working progress on Hopf algebra related to mixed elliptic motif.