

## **abstract**

Working Group on Algebraic Number Theory  
Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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We review the construction of the triangulated categories of motives over a base scheme (following the method of Morel and Voevodsky).

We then explain quickly the construction of various operations between these categories as well as some realization functors (Betti and  $\ell$ -adic). If time permits, we also discuss the rigid analytic variant and develop an application to the theory of nearby and vanishing cycles.