



11  
102  
1004

Leibniz  
Universität  
Hannover

# Oberseminar

## Zahlentheorie und Arithmetische Geometrie

**Florian Wilsch**

(Leibniz Universität Hannover)

**“Chow Motives”**

Motives were envisaged by Grothendieck as a means to unify the several existing “good” (Weil) cohomology theories. Although several of their desirable properties depend on, for example, the standard conjectures, the construction of pure motives is entirely unconditional and they have proven themselves quite useful objects.

In this talk, we will see some fundamental properties and constructions for motives – most importantly Chow–Künneth decompositions and finite dimensional motives.

**Donnerstag, 22.10.2015**

**ab 12:00 Uhr, Raum g117**

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

Institut für Algebra, Zahlentheorie  
und Diskrete Mathematik