Oberseminar
Institut für Algebraische Geometrie

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Interactions between derived categories and Hodge theory for threefolds

I will discuss some results with Jeff Achter and Charles Vial confirming some consequences for threefolds of a conjecture of Orlov, regarding derived categories and Hodge theory. I will also discuss some recent results with Lisa Marquand and Zheng Zhang on the Hodge theory of cubic threefolds with extra automorphisms, as well as how this can be used to study derived equivalences of the automorphism invariant Kuznetsov categories; this is joint work with Xianyu Hu, Xun Lin, Shizhuo Zhang, and Zheng Zhang.

Dienstag, 14.11.2023, 16:30 - 17:30, E214.
Leibniz Universität Hannover
Alle Interessierten sind herzlich eingeladen.