Oberseminar Institut für Algebraische Geometrie

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Kato homology of rationally connected fibrations

Motivated by several questions on the arithmetic of zero cycles on rationally connected varieties defined over Laurent and function fields, I will explain a series of conjectures about rationally connected fibrations, formulated in terms of Kato homologies, which is nothing but the homology of a Gersten type complex defined by Bloch-Ogus and Kato. I will also try to convince the audience to believe these conjectures by fitting these conjectures into a general framework, and providing some partial evidence.

Donnerstag, 21.04.2022

14:15 - 15:15, online

Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.