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Leibniz
Universität
Hannover

Oberseminar

Zahlentheorie und Arithmetische Geometrie

Dr. Zhizhong Huang
(Leibniz Universität Hannover)

“Equivariant compactifications of the additive group into smooth Fano threefolds”

This is a joint work with Pedro Montero (AMSS). Hassett and Tschinkel initiated the study of additive varieties, that is, equivariant compactifications of the additive group. These varieties verify good arithmetic properties such as the Batyrev–Manin principle after Chambert–Loir and Tschinkel. In this talk, we will discuss how the works of Arzhantsev, Hassett, Kishimoto, Tschinkel et al fit all together with the classification of Mori and Mukai, allowing us to give the complete list of smooth additive Fano threefolds.

Donnerstag, 15.11.2018

ab 12:00 Uhr, g117

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

**Institut für Algebra, Zahlentheorie
und Diskrete Mathematik**