Oberseminar
Institut für Algebraische Geometrie

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Periods of algebraic cycles

In this talk we will explain some methods for computing periods of algebraic cycles inside hypersurfaces of projective simplicial toric varieties, and show how this data can be used to study components of the Hodge loci. As one of the main ingredients we will introduce an Artinian Gorenstein ideal associated to each Hodge cycle. We will also discuss relations between this ideal and the (variational) Hodge conjecture.

Donnerstag, 21.12.2023, 16:30 - 17:30, online.
Leibniz Universität Hannover
Alle Interessierten sind herzlich eingeladen.