



Leibniz
Universität
Hannover

Oberseminar Institut für Algebraische Geometrie

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Equidistribution of Hodge loci.

Given a polarized variation of Hodge structure, the Hodge locus is a countable union of proper algebraic subvarieties where extra Hodge classes appear. In this talk, I will explain a general equidistribution theorem for these Hodge loci and explain several applications: equidistribution of higher codimension Noether-Lefschetz loci and equidistribution of the typical loci in Shimura varieties. I will give several examples if time permits. The results of this talk are joint work with Nicolas Tholozan.

Donnerstag, 16.06.2022

16:30 - 17:30, online

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Alle Interessierten sind herzlich eingeladen.