Oberseminar Institut für Algebraische Geometrie

Aaron Landesman

(Harvard University)

Prill's problem

An open question of David Prill from the 1970's, popularized in ACGH, asks whether there is a cover of curves $f : X \to Y$ with $g(Y) \geq 2$ so that every fiber moves in a pencil. We discuss joint work with Daniel Litt, answering this question. In order to do so, we describe its connection to a conjecture in geometric topology, the Putman-Wieland conjecture, by studying the derivative of an associated period map.

Donnerstag, 27.10.2022

17:30-18:30, online

Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.