Leibniz Universität Hannover

Oberseminar
Institut für Algebraische Geometrie

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The Tannakian formalism for Jacobians of nodal curves

By the work of Weissauer and Krämer, one can construct Tannakian categories by considering convolutions of perverse sheaves on a (semi)-abelian variety. In the case of Jacobians of smooth curves, the arising groups and representations were computed by Weissauer. We will see how this extends to the case of Jacobians of nodal curves. Interesting new phenomena appear, involving hypergeometric sheaves previously studied by Gabber, Sabbah, and Loeser.

Donnerstag, 30.04.2026, 16:30 - 17:30, F142.
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Alle Interessierten sind herzlich eingeladen.