Семинар «Геометрические структуры на многообразиях»

Семинар состоится 8 февраля 2024 года в 18.30

Семинар пройдет **в аудитории 306, Усачева 6.**

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"Hilbert schemes of curves as moduli of representations of quivers"

Abstract:

Hilbert schemes of rational curves play an important role in the geometry of Fano varieties, but they can often be difficult to describe. The moduli space of representations of a quiver, on the other hand, has a simple description as the quotient of affine space by the action of linear groups. In the talk, we will discuss different examples of isomorphisms between Hilbert schemes and moduli spaces of representations of quivers. In particular, we will discuss the Hilbert schemes of lines on Fano threefolds of index 2 and degree 5 following an example by Kuznetsov.