

I'll summarise the state of affairs for the Manin-Peyre conjecture in dimension 3, with particular emphasis on smooth Fano threefolds of small Picard number, before discussing its resolution for a family of quadric bundles. This family gives a new case where a thin set of rational points needs to be removed in order for the predicted density of rational points to hold true. This is joint work with Dante Bonolis and Zhizhong Huang.