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*On the classification of smooth Fano weighted
complete intersections*

Fano varieties is a fundamental class of algebraic varieties. Complex Fano varieties can be described as compact Kähler manifolds of positive Ricci curvature. It is well known that there exist only a finite number of deformation classes of smooth Fano varieties of given dimension. Still, the complete classification is known only in dimension up to 3.

Complete intersections in weighted projective spaces is also a classical object of study in Algebraic Geometry. In the talk we will discuss smooth Fano weighed complete intersections and show that the classification of such varieties has a natural structure.

SCIENTIFIC SEMINAR
“DIFFERENTIAL GEOMETRY AND APPLICATIONS”

headed by Academician of RAS Anatoly T. Fomenko

The seminar takes place online in ZOOM on Mondays
from 4:45 p.m. to 6:20 p.m. (Moscow time)

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