Семинар Лаборатории Алгебраической геометрии

и ее приложений

Семинар состоится во вторник 5 октября 2018 года**.**

Начало в 17:00.

Семинар будет проходить по адресу: **ул. Усачева, д.6, аудитория 306**

На семинаре выступит

Angelo Vistoli

(Pisa) с докладом:

Essential dimension of finite groups

Abstract: Essential dimension is a fundamental way of measuring the complexity of a finite group G. It measures how many independent parameters are needed to describe all Galois extensions E/K with group G, where K is an extension of a fixed base field k. For example, if k contains a primitive n-th root of 1 and G is a cyclic group of order n, all Galois extensions E/K with Galois group G is obtained by taking an n-th root of an element of K; this means that the essential dimension of a cyclic group of order n is 1.

I will review some of what is known about essential dimension of finite groups and the main techniques that are used in the subject, including some very recent applications of birational geometry

Приглашаются все желающие!