

**Семинар Лаборатории Алгебраической геометрии
и ее приложений**

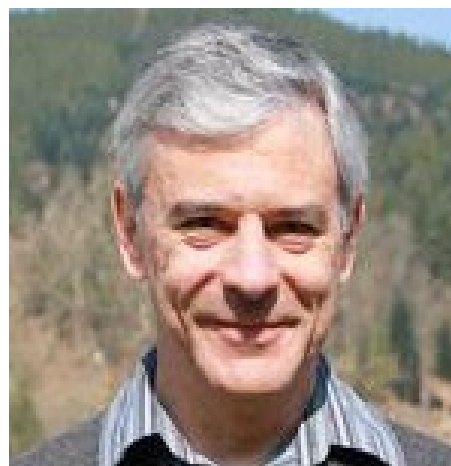
Семинар состоится в пятницу 28 декабря 2018 года.

Начало в 17:00.

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

На семинаре выступит

**Anton
Zorich**



(Jussieu) с докладом

***Flat and hyperbolic enumerative
geometry***

Abstract: This talk (based on joint work with V.Delecroix, E.Goujard and P.Zograf) bridges certain aspects of flat and hyperbolic enumerative geometry. We derive from the Kontsevich's count of metric ribbon graphs a formula for the Masur--Veech volume of the moduli space of quadratic differentials in terms of intersection numbers of psi-classes. We show that Mirzakhani's frequencies of simple closed hyperbolic geodesics of different combinatorial types coincide with the frequencies of the corresponding square-tiled surfaces. Using our recent equidistribution results for square-tiled surfaces of fixed combinatorial type we derive applications for the count of meanders on surfaces of arbitrary genus. We conclude with several conjectures concerning the shape of a typical multicurve on a surface of large genus and the shape of a typical square-tiled surface of large genus.

Приглашаются все желающие!