

***Семинар Лаборатории Алгебраической геометрии
и ее приложений***

Семинар состоится в пятницу 22 марта 2019 года.

Начало в 17:00.

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

На семинаре выступит

**Bertrand
Toën**

(Toulouse) с докладом:



***The HKR theorem over \mathbb{Z} and
applications***

Abstract: The purpose of these two lectures is to report on recent results about HKR theorems over any base ring. For this, I'll start by presenting an object called the "filtered circle" as well as its relations to Witt vectors. I will use it in order to produce filtered loop spaces and extract from them the HKR theorem. In a second part of the lectures I will apply this theorem to the definition and the construction of shifted symplectic structures in non-zero characteristic situations. If time permit I'll also explain how to define singular supports for bounded coherent complexes over arbitrary lci schemes. (joint work with T. Moulinos and M. Robalo).

Приглашаются все желающие!