

19 марта 2021 г (пятница)

в 17:00

На семинаре выступит

Sally Gilles (Imperial)

с докладом:

Syntomic cohomology and period morphisms

Абстракт: Abstract: In 2017, Colmez and Niziol proved a comparison theorem between arithmetic p -adic nearby cycles and syntomic cohomology sheaves. To prove it, they gave a local construction using (ϕ, Γ) -modules theory which allows to reduce the period isomorphism to a comparison theorem between cohomologies of Lie algebras. I will explain the geometric version of this local construction and how to globalize it to get a new period isomorphism. In particular, the explicit description of this new isomorphism can be used to compare previous constructions of period morphisms and prove they are equal.

Приглашаются все желающие!