Séminaire de théorie des nombres

Le 19 novembre 2018 à 14h (Jussieu)

Functoriality of Moduli Spaces of Global $\mathbb{G}$-Shtukas

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Résumé : Moduli spaces of global $\mathbb{G}$-shtukas play a crucial role in the Langlands program over function fields. We analyze their functoriality properties concerning a change of the curve and a change of the group scheme $\mathbb{G}$ under various aspects. In the end we discuss a potential application to a proof of the non-emptiness of minimal KR-strata.