

Introduction to the moduli spaces of Drinfeld Shtukas

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The goal of my lectures is to introduce the so-called modular spaces of shtukas, also called F -sheaves and to describe their basic properties. These objects were introduced by Drinfeld in late 70s, and they play a crucial role in the proof of the Langlands correspondence for $\mathrm{GL}(r)$ over function fields (due to Drinfeld for $r = 2$ and to L. Lafforgue in general).