

We construct the moduli space of p -adic representations of a profinite group of topological finite type. Such examples arise for example of étale fundamental groups of smooth projective schemes over algebraically closed fields. Such moduli space should not be expected to be representable in the algebraic category, i.e., by a scheme/algebraic spaces/algebraic stack, as continuous representations of a profinite group factor through a maximal compact of GL_n . However it is possible to construct such a moduli in the context of rigid analytic geometry. In a second part of the talk, and if time permits, we will see how this object can be upgraded in a derived analytic stack and some of its consequences.