# Séminaire de théorie des nombres

## Le 03 décembre 2018 à 14h (Jussieu)

# Anabelian geometry with étale homotopy types

## Exposé de Alexander Schmidt
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**Résumé :** Anabelian geometry with étale homotopy types generalizes in a natural way classical anabelian geometry with étale fundamental groups. We show that, both in the classical and the generalized sense, any point of a smooth variety over a field $k$ which is finitely generated over $\mathbb{Q}$ has a fundamental system of (affine) anabelian Zariski-neighbourhoods. This was predicted by Grothendieck in his letter to Faltings. (Joint work with J. Stix)