

# Representations of p-adic groups - 1

*lundi 23 octobre 2023 11:00 (1h 20m)*

The mini course will provide an introduction to the representation theory of p-adic groups via type theory.

The course will include:

- basic definitions surrounding representations of p-adic groups
- an introduction to Bruhat-Tits theory and Moy-Prasad filtrations
- construction of supercuspidal representations: depth-zero representations, (a glimpse of) Yu's construction
- Bernstein decomposition
- types and non-supercuspidal Bernstein blocks
- equivalences between Bernstein blocks, reduction to depth-zero

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