

Nov 19: Julee Kim (MIT), “Types for covering groups.”

The theory of types plays a central role in studying smooth representations of a p -adic reductive group G . It is a philosophy to study the smooth dual of G via representations of open compact groups. In particular, explicit construction of types provides you a tool for more explicit theory. One can now expect a parallel development on p -adic covering groups. Based on the construction of types in linear case, we construct genuine types for covering groups and discuss the multiplicity of Whittaker models.