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On archetypes and an inertial Langlands correspondence

We summarize recent work by Henniart, Latham, Nadimpalli and others towards an inertial local Langlands correspondence, and present some preliminary new results. A key step is to replace so-called types, which often encode construction data for representations but are defined on a variety of compact open subgroups, with the closely-related notion of an archetype, which lives on a maximal compact open subgroup. There is a growing body of results relating archetypes to the restrictions to inertia of corresponding L-parameters in an nice way.