

Geometric Aspects of the p -adic Locally Analytic Langlands Correspondence I

lundi 27 octobre 2025 11:15 (1 heure)

The goal of these lectures is to discuss some aspects of the geometrization of the p -adic Langlands program (more precisely, the part of it which deals with locally analytic representations on topological \mathbb{Q}_p -vector spaces). The lectures by Hellmann (based on joint work with Hernandez and Schraen and with Heuer) will focus on the « Galois » side, introducing moduli stacks of (variants of) p -adic Galois representations and on the study of their geometry. The lectures of Le Bras (based on joint work with Anschütz, Rodriguez Camargo, Scholze) will focus on the « automorphic » side, explaining how to realize locally analytic representations as sheaves on a variant of Fargues-Scholze's stack of G -bundles on the Fargue-Fontaine curve.

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