ON CATEGORICAL P-ADIC LOCAL LANGLANDS FOR GL(2,QP)

CHRISTIAN JOHANSSON

I will discussion joint work with James Newton and Carl Wang-Erickson, where we give an interpretation of the p-adic local Langlands correspondence for GL(2,Qp) as an embedding of the derived category of locally admissible representation into the category of ind-coherent sheaves on the moduli stack of Galois representations. Time permitting, I will also discuss local-global formulas, with applications to eigenvarieties.