JU-LEE KIM
University of Illinois at Chicago, M.I.T. Visiting Professor

Recent progress in the classification of supercuspidal representations

We discuss a recent progress in the classification of supercuspidal representations of reductive p-adic groups. In the first lecture, we give an introduction to the construction of tame supercuspidal representations (due to Yu) and their equivalence relation (due to Hakim and Murnaghan). In the second lecture, we sketch the proof of an exhaustion theorem of Yu's supercuspidal representations.