

Abstract

Oberwolfach Workshop:

New Developments in Representation Theory of p-adic Groups

Dates:

29 September - 5 October 2019 (Code: 1940)

Organizers:

Jessica Fintzen, Ann Arbor/Cambridge
Wee Teck Gan, Singapore
Shuichiro Takeda, Columbia

Representation theory of p-adic groups has played a critical role in the Langlands program, which lies at the crossroads of number theory and harmonic analysis, and has been one of the most active areas of research for more than a half century. In particular over the past two decades, the representation theory of p-adic groups has seen significant progresses including various instances of the local Langlands correspondences, constructions of supercuspidal representations, and questions on periods and distinction. The aim of this workshop is to explore new ideas and further progresses in this subject.