



THE WEIZMANN INSTITUTE OF SCIENCE  
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

Room 155 ,Ziskind Building  
on Tuesday, Nov 06, 2018  
at 11:15

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WIS

Results and conjectures about irreducibility of parabolic induction of  
representations of the general linear group over a local non-archimedean field

Abstract:

The representation theory of  $GL(n,F)$ ,  $F$  non-archimedean is a classical subject initiated by Bernstein and Zelevinsky in the 1970s.

I will review some recent results and conjectures which aim to characterize irreducibility of parabolic induction, in terms of geometry. Joint with Alberto Minguez