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Clifton Cunningham* (cunning@math.ucalgary.ca), Department of Mathematics, University of Calgary, 2500 University Drive, Calgary, Alberta T2N 1N2, Canada. *On some local L-packets and character sheaves.*

There is a striking parallel between certain local L-packets of admissible representations and a partition of certain character sheaves into finite sets determined by the geometry of the underlying group. In this talk we present some examples of this parallel and examine to what extent it may be used to illuminate the structure of these local L-packets. (Received September 20, 2009)