1147-11-427   **Spencer Leslie*** (`lesliew@math.duke.edu`), 120 Science Drive, Durham, NC 27708.
Mirkovic-Vilonen polytopes and highest weight characters.

Methods developed to compute Whittaker coefficients of metaplectic Eisenstein series uncovered a beautiful connection with ideas from the geometric Satake equivalence. In this talk, I will describe work on clarifying and making this connection practicable for the sake of computation of p-adic Whittaker functions in terms of crystal graphs. (Received January 23, 2019)