David Vogan October 15, 2019, *Langlands parameters in the software: how to list representations*

Note that this week's session *only* will take place Tuesday 4:00–5:00 in MIT Room 2-449, at the usual Zoom meeting number
$$\texttt{https://zoom.us/s/739477128}.$$

Suppose G is a complex connected reductive algebraic group with involutive automorphism θ_1, and $K_1 = G^{\theta_1}$. We're interested in $(\mathfrak{g}, K_1)$ modules. I'll sketch the Langlands classification of such modules; then talk about how the ideas from last week (summarized in the notes for the 10/7 seminar, posted above) allow the software to write down Langlands parameters.