1035-11-239   **Wee Teck Gan*** (`wgan@math.ucsd.edu`). *The Local Langlands Correspondence for GSp(4).*

I will describe a proof of the local Langlands correspondence for GSp(4) (and Sp(4)) over a p-adic field. This gives a partition of the set of irreducible representations of GSp(4) into finite subsets which are parametrized by L-parameters. This partition can be characterized by preservation of L-factors and epsilon factors twisted by representations of GL(1) and GL(2). I will also discuss some global applications. This is joint work with S. Takeda. (Received August 22, 2007)