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University of Illinois at Chicago, 851 S Morgan St (M/C 249), Chicago, IL 60607. *Bessel models  
and period integrals for  $\mathrm{GSp}(4)$ .*

In this talk I will discuss some recent results and conjectures on Bessel models and related period integrals for Siegel modular forms and their automorphic cousins. This is joint work with Dipendra Prasad and Atsushi Ichino. (Received September 11, 2009)