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**Moshe Adrian\*** ([madrian@math.utah.edu](mailto:madrian@math.utah.edu)), 164 J Street #1, Salt Lake City, UT 84103. *The local Langlands correspondence: from real to p-adic groups.*

The local Langlands correspondence for real groups has been known for quite some time. Over p-adic fields, the correspondence is by and large unknown, but there has been a fair amount of recent progress. I will present a new construction due to Dick Gross that mirrors the local Langlands theory over the reals, and I will give some examples of his construction. If there is time, I will show how to use Gross's theory to give a new realization of the depth zero local Langlands correspondence for  $\mathrm{PGSp}(4, F)$  (where  $F$  is a p-adic field), which is joint work with Joshua Lansky. (Received June 09, 2011)