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Alex Usvyatsov*, University of California, Department of Mathematics, LA, CA, and **Itay Ben Yaacov** and **Moshe Zadka**. *Model theory of representations of locally compact groups*.

I will discuss recent developments in model theoretic study of representations of a locally compact group, i.e. a Hilbert space equipped with a continuous action of a group. (Received September 24, 2005)