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**Jeffrey Adams\*** ([jda@math.umd.edu](mailto:jda@math.umd.edu)), 314, College Park, MD 20742. *Atlas of Lie Groups and Representations*.

The Atlas of Lie Groups and Representations is computational project in the representation theory of real reductive groups. The main goal is the computation of the unitary dual. Secondary goals include many other calculations in Lie theory. I will give an overview of the current status of the project. (Received September 23, 2015)