1106-VK-2601     **Arindam Roy\*** (`roy22@illinois.edu`) and **Nicolas Robles**. *Moments of the average of a generalized Ramanujan sum.*

The moments of the average of a generalized Ramanujan sums are derived. This generalization was introduced by Cohen. We will also obtained some improvements of some previous results on the moments of the average of the Ramanujan sums. Related explicit formulae involving the non-trivial zeros of the Riemann zeta-function are also derived. This is a joint work with N. Robles. (Received September 16, 2014)