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**Carla Farsi\*** ([carla.farsi@colorado.edu](mailto:carla.farsi@colorado.edu)), Department of mathematics, University of Colorado, Boulder, CO , and **Christopher Seaton**. *Generating Functions for Orbifold Wreath Products*.

In this talk, we will discuss a generating series approach for multiplicative functions on wreath products of a general orbifold in terms of orbifold sector decompositions. Particular instances of these product formulas occur for the Euler and the Euler–Satake charactersitics. This generalizes results known for global quotient orbifolds. (Received February 20, 2009)