

1135-05-1439

**Frederick Butler\*** ([fbutler@ycp.edu](mailto:fbutler@ycp.edu)), Department of Physical Sciences, York College of Pennsylvania, 441 County Club Rd., York, PA 17403. *Cycle-Euler-Mahonian Triples of Permutation Statistics*. Preliminary report.

A triple of permutation statistics is called cycle-Euler-Mahonian if it is equidistributed with the number of left-to-right minima (lrmin), the number of descents (des), and the major index (maj). In this talk we give examples of some cycle-Euler-Mahonian triples involving well-known Mahonian statistics, including the number of inversions (inv) and Denert's statistic (den). (Received September 22, 2017)