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**Claudia Miller, Hamid Rahmati\*** (hrahmati2@unl.edu) and **Zheng Yang**. *DG algebra structure on the resolutions of quotients by weak complete intersection ideals*. Preliminary report.

The minimal free resolutions of quotients of a ring by weak complete intersection ideals behave similarly to the resolution of the residue field. We discuss several different ways of obtaining those resolutions, as well as dg algebra structures on them. This is joint work with Claudia Miller and Zheng Yang. (Received January 18, 2021)