1158-13-120   **Hugh Roberts Geller*** (`hgeller@clemson.edu`). *DG-Structures for Fiber Products.* Preliminary report.

A construction of Tate shows that every algebra over a ring R possess a DG-algebra resolution over R. These resolutions are not always minimal and Avramov even shows that certain algebras cannot have a minimal resolution with a DG-algebra structure. This talk gives an explicit construction of a DG-structure for certain fiber products and criteria for determining when the structure is a DG-module, DG-algebra, or minimal DG-algebra. (Received February 26, 2020)