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**Hugh Roberts Geller\*** (hgeller@g.clemson.edu). *DG-Module Resolutions of Certain 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. However, this result does not preclude the existence of a DG-module structure on the minimal free resolution. In this talk, we will see the minimal free resolution of certain fiber products have the structure of a DG-module. (Received January 17, 2021)