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Saeed Nasseh*, Georgia Southern University, and **Sean Sather-Wagstaff**, **Ryo Takahashi**
and **Keller VandeBogert**. *Applications of fiber product rings*. Preliminary report.

We investigate homological properties of non-trivial fiber products of local rings with a common residue field and discuss some applications. For instance, we show that the (uniform) Auslander condition is not preserved under localization. (Received January 31, 2018)