1125-47-2697　　　　**Scott M LaLonde*** (`slalonde@uttyler.edu`), 3900 University Boulevard, Department of Mathematics, Tyler, TX 75799. *Permanence Properties of Exact Groupoids.* Preliminary report.

A locally compact groupoid is said to be exact if its associated reduced crossed product functor is exact. In this talk, we will investigate permanence properties of exact groupoids, some of which generalize known results for exact groups. In particular, exactness descends to certain types of closed subgroupoids, and any action of an exact groupoid on a locally compact Hausdorff space yields an exact transformation groupoid. We will also discuss a partial converse to the latter result, which is related to the notion of amenability at infinity. If time permits, we may also present some results about Fell bundles over exact groupoids. (Received September 20, 2016)