

1117-13-131      **Saeed Nasseh\*** ([snasseh@georgiasouthern.edu](mailto:snasseh@georgiasouthern.edu)). *DG Homological Algebra And Vanishing Of (Co)homology Over Local Rings*. Preliminary report.

We will talk about the vanishing of Tor over trivial extensions of DG algebras and its applications in commutative ring theory.

This talk is based on joint works with L. L. Avramov, S. B. Iyengar, and S. Sather-Wagstaff. (Received January 09, 2016)