

1046-13-1319      **Meri T Florence\*** ([meri@uta.edu](mailto:meri@uta.edu)), 3821 Wharton Drive, Fort Worth, TX 76133. *Uniqueness of Minimal Acyclic Complexes*. Preliminary report.

In this talk we discuss conditions for uniqueness among minimal acyclic complexes of finitely generated free modules over a commutative local ring. Although uniqueness is known to hold for totally acyclic complexes, the question has been asked whether two minimal acyclic complexes in general can be isomorphic to the left and non-isomorphic to the right. We answer the question for certain cases, including periodic complexes, sesqui-acyclic complexes, and specific rings with radical cubed zero. (Received September 15, 2008)