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**Oana Veliche\*** (o.veliche@northeastern.edu), 360 Huntington Avenue, Boston, MA 02115,  
and **Lars W. Christensen** and **Jerzy Weyman**. *Codepth 3 Artinian Algebras of Type  
Two*. Preliminary report.

A complete local ring  $(R, m, k)$  of embedding codepth 3 has a minimal free resolution of length 3 over a regular local ring  $Q$ . This resolution carries a differential graded algebra structure, which induces a unique graded-commutative algebra structure on the Tor algebra  $\mathrm{Tor}_*^Q(R, k)$ . The possible structures were identified by Weyman (1989) and by Avramov, Kustin, and Miller (1988). The talk, based on work in collaboration with L.W. Christensen and J. Weyman, will discuss the Tor algebra structures that can be realized by compressed, in particular generic, artinian local rings of type 2, and a question whether certain classes of perfect ideals of codepth 3 are licci. (Received February 07, 2017)