1146-13-391   **Gabriel E Sosa*** (`gsosa@amherst.edu`), 202 Seeley Mudd Building, 31 Quadrangle, Amherst, MA 01002, and **Kuei-Nuan Lin** and **David A Cox**. *Multi-Rees Algebras and Toric Dynamical Systems.*

This talk will present different descriptions for the defining ideals for the multi-Rees algebra, and its special fiber, associated to toric dynamical systems that arise in the theory of chemical reaction networks. (Received January 27, 2019)