1093-13-336   **Thomas Kahle**, **Ezra Miller*** (`ezra@math.duke.edu`) and **Christopher O'Neill**. *Binomial irreducible decomposition.* Preliminary report.

This talk presents a response to Problem 7.5 in the paper *Binomial ideals*, by Eisenbud and Sturmfels: "Does every binomial ideal have an irreducible decomposition into binomial ideals? Find a combinatorial characterization of irreducible binomial ideals." (Received August 20, 2013)