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**Craig Huneke\***, Dept. of Mathematics, University of Kansas, Lawrence, KS 66045, and **Bernd Ulrich**, Dept. of Mathematics, Purdue University, West Lafayette, IN 44907. *Linkage theory of monomial ideals*. Preliminary report.

This talk will present recent work of Bernd Ulrich and myself concerning an algorithm to decide if a monomial ideal of finite colength is licci, i.e., is in the linkage class of a complete intersection. The talk will also describe some uses of linkage in ideal and module theory. (Received August 30, 2005)