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**Runrun Liu, Martin Rolek** and **Gexin Yu\*** ([gyu@wm.edu](mailto:gyu@wm.edu)), Department of Mathematics,  
College of William & Mary, Williamsburg, VA 23185. *Connectivity conditions for a graph to be*  
 *$K_4$ -linked and diamond-linked.* Preliminary report.

For a given multigraph  $H$ , a graph  $G$  is  $H$ -linked if  $G$  contains an  $H$ -subdivision no matter how we specify the branch vertices. In this talk, we will present some new results on connectivity conditions for a graph to be  $H$ -linked. In particular, we show that 13-connected graphs are  $K_4$ -linked, and 12-connected graphs are  $K_4^-$ -linked. This is joint work with Runrun Liu and Martin Rolek. (Received July 15, 2019)