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John Asplund*, 650 College Dr., Dalton, GA 30720. *2-Block Intersection Graphs of Triple Systems*. Preliminary report.

This talk will chronicle the progress made over the last three years of a project based on triple systems. A triple system is a partition of the edge set of a complete multigraph into cycles of length three. A 2-block intersection graph G can be formed from a triple system by letting each block of the triple system represent a vertex in G and two vertices in G are joined by an edge if their corresponding block share exactly two vertices in common. The focus of this talk is to show that there exists a Hamiltonian 2-block intersection graph for each admissible triple system. (Received January 24, 2019)