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Hao Huang* (hao.huang@emory.edu), Atlanta, GA 30322, and **Yi Zhao** (yzhao6@gsu.edu), Atlanta, GA 30302. *Degree versions of the Erdos-Ko-Rado Theorem and Erdos hypergraph matching conjecture.*

In this talk, I will use an algebraic method to prove the following degree version of the celebrated Erdős-Ko-Rado theorem. Given integers $n > 2k$, every intersecting k -uniform hypergraph H on n vertices contains a vertex that lies on at most $\binom{n-2}{k-2}$ edges.

This result could be viewed as a special case of the degree version of a well-known conjecture of Erdős on hypergraph matchings. I will also mention some progress on it. Joint work with Yi Zhao. (Received August 12, 2016)