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Ronald Gould and **Dong Ye*** (dye@math.wvu.edu), Department of Mathematics, West Virginia University, Morgantown, WV 26506, and **Cun-Quan Zhang**. *Edge-Spectrum of Saturated Graphs for Matchings*.

A graph G is H -saturated if G does not contain H as a subgraph but adding an edge to G will yield a copy of H in the the new graph. The edge spectrum of H is the set of sizes of all H -saturated graphs with n vertices. In this talk, we present some results about the edge spectrum of tK_2 -saturated graphs where tK_2 is the disjoint union of t complete graphs with two vertices. (Received September 12, 2010)