

1154-VP-2666 **Hong-Jian Lai, Mingquan Zhan** and **Taoye Zhang*** (tuz3@psu.edu), 120 Ridge View Dr, Dunmore, PA 18512, and **Ju Zhou**. *Hamiltonicity of 3-connected Line Graphs with Diameter Three*.

Saito conjectured that every 3-connected line graph of diameter at most 3 is hamiltonian unless it is the line graph obtained from the Petersen graph by adding at least one pendant edge to each of its vertices. This conjecture is proved. (Received September 17, 2019)