Baogang Xu (baogxu@njnu.edu.cn), School of Mathematical Sciences, Nanjing Normal University, 1 Wenyuan Road, Nanjing, Jiangsu 210023, Peoples Rep of China, and Xiaoya Zha* (xzha@mtsu.edu), Department of Mathematical Sciences, Middle Tennessee State University, Murfreesboro, TN 37132. *Partition graphs with non-negative Euler characteristics. Preliminary report.

In this talk, we show that every non-planar graph with non-negative Euler characteristic (i.e., projective planar, toroidal, or Klein bottle embeddable) can be edge partitioned into a planar graph and an outer-planar graph. (Received September 19, 2016)