1131-22-241   **Laura Escobar*** (`lescobar@illinois.edu`), Urbana, IL 61801, and **Benjamin J. Wyser** and **Alexander Yong**. *K-orbit closures and Barbasch-Evens-Magyar Varieties.* Preliminary report.

We define the Barbasch-Evens-Magyar varieties as a fiber product of certain flag varieties. They are isomorphic to the manifolds of D. Barbasch-S. Evens, which provide desingularizations of symmetric orbit closures. This parallels P. Magyar's description of the Bott-Samelson variety. We analyze the moment polytope, which we connect to the moment polytope of a Bott-Samelson variety. Joint work with Benjamin J. Wyser and Alexander Yong (Received July 16, 2017)