1165-05-52   **Colleen Robichaux*** (`cer2@illinois.edu`), 273 Altgeld Hall, 1409 W. Green St., Urbana, IL 61801, and **Harshit Yadav** and **Alexander Yong**. *Equivariant cohomology, Schubert calculus, and Edge labeled tableaux.*

This talk concerns edge labeled Young tableaux, introduced by Thomas and Yong. It is used to model equivariant Schubert calculus of Grassmannians. We report on a new shifted analogue of edge labeled tableaux. Conjecturally, this gives a Littlewood-Richardson rule for the structure constants of the Anderson-Fulton ring, which is related to the equivariant cohomology of isotropic Grassmannians. This is joint work with Harshit Yadav and Alexander Yong. (Received January 11, 2021)