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Rebecca Goldin and **Changlong Zhong*** (czhong@albany.edu), 1400 washington ave, albany, NY 12222. *Structure constants of equivariant oriented cohomology of flag varieties.*

Equivariant oriented cohomology theory generalizes singular cohomology/Chow group and K-theory. It can be characterized by the formal group law associated to the first Chern class. In this talk I will talk about a formula for the structure constants of equivariant oriented cohomology of flag varieties. We will use the method of formal affine Demazure algebra. It generalizes the result of Goldin-Knutson for Schubert classes, and that of Su for cohomology stable basis. This is joint work with R. Goldin. (Received January 07, 2020)