June Huh* (huh@princeton.edu), Princeton, NJ 08540. Positivity of Chern classes of Schubert cells and varieties.

Chern-Schwartz-MacPherson class is a factorial Chern class defined for any algebraic variety. I will explain a proof of the positivity conjecture of Aluffi and Mihalcea that Chern classes of Schubert cells and varieties are positive in the case of Grassmannians, and pose a few questions concerning the general case of the conjecture. (Received August 25, 2015)